T18z User's Guide

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Some menus/features are operator dependent.

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Guidelines for Safe and Efficient Use

The mobile phone is one of the most exciting and innovative products ever developed. Your phone can help you to stay in touch with your office, your home, emergency services and others.

Safety

Exposure to Radio Frequency Signals

Your wireless handheld portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals.

In August, 1996, the Federal Communications Commission (FCC) adopted RF exposure guidelines with safety levels for handheld wireless phones. Those guidelines are consistent with the safety standards previously set by both US and international standards bodies:

- ANSI C95.1 (1992)*
- NCRP Report 86 (1986)*
- ICNIRP (1996)*

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1).

The design of your phone complies with the FCC guidelines (and those standards).

** American National Standards Institute: National Council on Radiation Protection and Measurements; International Commission on Non-Ionizing Radiation Protection.*

Antenna Care

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

Phone Operation

NORMAL POSITION: Hold the phone as you would any other telephone with the antenna pointed up and over your shoulder.

TIPS ON EFFICIENT OPERATION: For your phone to operate most efficiently:

- Extend your antenna fully (where applicable).
- Do not touch the antenna unnecessarily when the phone is in use. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed.

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Driving

Check the laws and regulations on the use of wireless telephones in the areas where you drive. Always obey them. Also, if using your phone while driving, please:

- Give full attention to driving - driving safely is your first responsibility.
- Use handsfree operation, if available.
- Pull off the road and park before making or answering a call if driving conditions so require.

In addition, Ericsson suggests the following safe driving tips if you are using your phone while driving:

- Get to know your wireless phone and its features such as speed dial and redial.
- Position your wireless phone within easy reach.
- Suspend conversations during hazardous driving conditions or situations.

- Do not take notes or look up phone numbers while driving.
- Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic.
- Do not engage in stressful or emotional conversations that may be distracting.
- Use your wireless phone to call for help.
- Use your wireless phone to help others in emergencies.
- Call roadside assistance or a special wireless non-emergency assistance number when necessary.

Electronic Devices

Most modern electronic equipment is shielded from RF signals. However, certain electronic equipment may not be shielded against RF signals from your wireless phone.

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of six (6”) inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Persons with pacemakers:

- Should ALWAYS keep the phone more than six inches from their pacemaker when the phone is turned ON.
- Should not carry the phone in a breast pocket.
- Should use the ear opposite the pacemaker to minimize the potential for interference.
- If you have any reason to suspect that interference is taking place, turn your phone OFF immediately.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may

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want to consult your service provider (or call the customer service line to discuss alternatives).

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Turn your phone OFF in any facility where posted notices so require.

Aircraft

FCC regulations prohibit using your phone while in the air. Switch OFF your phone before boarding an aircraft.

Blasting Areas

To avoid interfering with blasting operations, turn your phone OFF when in a "blasting area" or in areas posted: "Turn off two-way radio." Obey all signs and instructions.

Potentially Explosive Atmospheres

Turn your phone OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include fueling areas such as gasoline stations; below deck on boats; fuel or chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or particles, such as grain, dust, or metal powders; and any other area where you would normally be advised to turn off your vehicle engine.

For Vehicles Equipped with an Air Bag

An air bag inflates with great force. DO NOT place objects, including both installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious bodily injury could result.

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Phone Care and Operation

Ericsson suggests you read and observe the following for safe care and operation of your phone:

- Do not allow children to play with your phone. They could hurt themselves or others, or could accidentally damage the phone. Your phone may contain small parts that could be detached and create a choking hazard.
- Do not expose your mobile phone to moisture or extreme temperatures.
- Only Ericsson original accessories are recommended. Failure to use them may result in loss of performance or product damage, and will void the warranty.
- Do not attempt to disassemble the phone. Doing so will void warranty. This phone does not contain consumer serviceable components. Service should only be performed by Authorized Service Centers.
- Do not allow objects to fall on, or liquids to spill on phone.
- Connect AC (power supply) only to designated power sources as marked on the phone.
- To reduce risk of damage, remove the electrical cord from the outlet by pulling the AC adapter rather than the cord.
- Make sure the electric cord is located so that it will not be stepped on, tripped over, or otherwise subjected to damage or stress.
- To reduce risk of electric shock, unplug the unit from the power source before attempting any cleaning. Once unplugged, use a soft cloth lightly dampened with water for cleaning.
- DANGER - Never alter the AC cord or plug. If the plug will not fit into the outlet, have a proper outlet installed by a qualified electrician. Improper connection can result in risk of electric shock.
- Don't continue to twist the antenna after it has been inserted. Excess twisting will damage the antenna.
- Be cautious if removing your antenna. A detached antenna may be a choking hazard for children.

How to use your phone for optimum performance with minimum power consumption:

- Hold the phone as you would any other telephone. While speaking directly into the mouthpiece, angle the antenna in a direction up and over your shoulder. If the antenna is extendable/retractable, it should be extended during a call.
- **Do not** hold the antenna when the phone is in use. Holding the antenna affects call quality, may cause the phone to operate at a higher power level than needed and shortens talk and standby times.

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Battery Information

New Batteries

The battery packaged with your phone is not fully charged. For maximum battery capacity, use your charger to condition the battery.

Recycling Your Battery

Your phone manufacturer is a member of the Rechargeable Battery Recycling Corporation (RBRC), a non-profit service organization designed to assist in the recycling of rechargeable batteries. Many areas require the recycling of rechargeable batteries. In the U.S., call 1-800-822-8837 to find out how to recycle your battery. Outside the U.S., contact your local retailer for recycling instructions.

Battery Use and Care

A rechargeable battery has a long service life if treated properly. A new battery, or one that has not been used for a long period of time, should be conditioned before using your phone. If your phone shuts off due to low battery power, you should charge the battery within 24 hours for the battery to reach full capacity.

- Do not leave your battery where it may be subjected to extremely hot or cold temperatures. This could reduce the battery's capacity.
- Do not let the metal contacts on the battery touch another metal object such as keys in your pocket. This could short-circuit and damage the battery.
- Do not attempt to take a battery apart.
- Do not expose a battery to open flame. This could cause the battery to explode.
- Turn your phone OFF before removing the battery.
- Use only the AC/DC adapter supplied with your battery charger. Using a different adapter could be dangerous and will void your phone warranty.
- Never charge a battery when the ambient room temperature is below 50° F (10°C) or above 105°F (40°C).
- Do not allow the battery to be placed into the mouth. Battery electrolytes may be toxic if swallowed.

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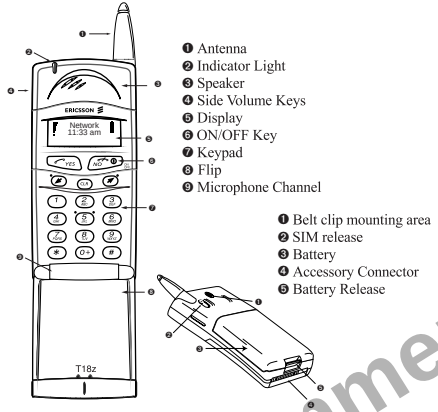
Some menus/features are operator dependent.

Preparing Your Phone for Use

Components of Your T18z



❶ Antenna
❷ Indicator Light
❸ Speaker
❹ Side Volume Keys
❺ Display
❻ ON/OFF Key
❼ Keypad
❽ Flip
❾ Microphone Channel

❶ Belt clip mounting area
❷ SIM release
❸ Battery
❹ Accessory Connector
❺ Battery Release

Assembly

Do the following to use your phone:

1 Insert the SIM card

2 Attach the battery to the phone

3 Charge the battery

The SIM Card

When you register as a subscriber with a network operator, you get a Subscriber Identity Module (SIM) card. The SIM card contains a computer chip that keeps track of your phone number, the services included in your subscription, and your Phone Book information.

SIM cards come in two sizes. One is the size of a credit card, and the other is smaller. Your phone uses the smaller card. Many credit card-sized SIM cards have a perforated smaller card that you can take out easily. Before you can use your phone, you must insert the SIM card as shown below.

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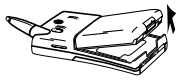
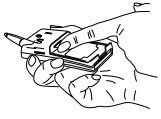
Inserting the SIM Card



1 Remove the battery (if attached).

2 Slide the SIM card into the SIM card slot with the golden connectors facing down and the cut corner turned to the left.



3 Push the SIM card into the slot completely.

Removing the SIM Card

1 Remove the battery (if attached).

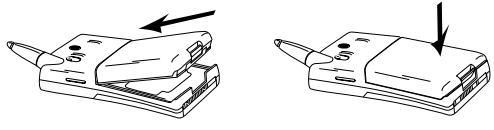
2 Slide the SIM release button towards you.

3 Pull out the SIM card.

The Battery

Your phone comes with a nickel metal hydride (NiMH) battery. The battery is not charged when you buy your phone, but there may be enough power to turn the phone on. We recommend that you charge the battery before you use the phone for the first time.

Attaching the Battery to your Phone



Place the battery on the back of the phone and push until you hear a click.

When to Charge the Battery

The nickel metal hydride battery that comes with your phone can be charged whenever you want without affecting its performance. This is not the case with nickel cadmium type batteries, often sold as accessories

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by other suppliers. For the best talk and standby time,we recommend that you use only Ericsson original batteries with your phone.

To remind you that you will soon need to charge the battery or replace it with a charged one:

- an alarm signal (a long beep) sounds and the message `Battery low` appears for two seconds in the display. The signal is repeated several times.
- the indicator light on top of the phone starts flashing red.

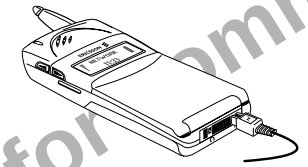
Note! The phone turns itself off when the battery can no longer power it satisfactorily.

Charging the Battery

1 Make sure that the battery is attached to the phone.

2 Connect the charger to an electrical outlet.

3 Connect the other end of the cable to the phone as shown in the picture. The flash symbol on the plug must face upwards.

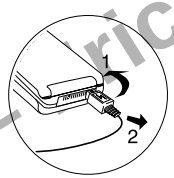


To indicate charging:

- the battery meter in the display pulses continuously.
- the indicator on top of the phone shows a steady red light (or green, if the phone is turned on).

When the battery is fully charged, the battery meter in the display is full and the indicator on top of the phone shows a steady green light.

Disconnecting the Charger



Disconnect the charger from the phone by pushing the plug upwards, and then pulling it out.

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The Display, Keys, and Menus

Turning Your Phone On/Off

Press and hold the **NO** (ON/OFF) key until you hear a beep.

When a network is found, the phone beeps three times. The indicator light on the top of the phone flashes green once every second and your network operator's name appears in the display (where "Network" appears in this illustration).

This is called **standby mode**. You can now make and receive calls.

Display Messages

When "Enter PIN" appears

Some SIM cards are protected with a Personal Identification (PIN) code. If so, you will be prompted to enter your PIN when you turn on your phone. Also, you may need your PIN to change settings in your phone. Furthermore, some operators may have services that require a second PIN, your PIN2.

You should be careful with your PIN, since it is your protection against unauthorized use of your subscription. Follow these steps if `Enter PIN` appears in the display after you have turned on the phone:

1 Enter your PIN. If you make a mistake while entering your PIN, erase the wrong digit by pressing the **CLR** key. Press and hold **CLR** to erase all digits.

2 Press **YES**.

Note! If your PIN is entered incorrectly three times in a row, the SIM card is blocked. You can unblock it by using your Personal Unblocking Key (PUK). This code is available from your service provider. For more information on Locks, see "Security" on page 47.

When "Network Search" appears

After you have turned on the phone (and entered your PIN), the Ericsson logo, or the name of your service provider, appears in the display and the phone searches for a network. Sometimes there is no network that you can use. The display then shows either `Searching` or `No Network.`

"Searching"

If the message `Searching` remains in the display, you are within range of a network, but you are not allowed to use it. However, in an emergency, some operators allow

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Some menus/features are operator dependent.

you to call the emergency number 911 (or 112, the international emergency number). See “Making and Receiving Calls” on page 18.

“No network”

If the message `No network` is displayed, there is no network within range or the received signal is too weak. You have to move to get a stronger signal.

Display Language

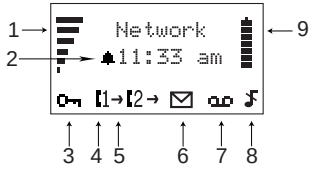
The first time you turn on your phone, you may want to change the language in the display

Most SIM cards automatically set the display language to the language of the country where you bought your SIM card. If this is not the case, the default language is English. You can easily reset your phone to the SIM default if you accidentally set it to a language you do not understand.

1 Press the **CLR** key.
2 Press the ◢ key.
3 Enter **0000**.
4 Press the ◢ key.

Display Icons

This illustration shows all possible icons and their placement on the display. Some of the features represented in the diagram are network dependent.



1 **Signal Strength** - Strength of received signal. More bars indicate more strength.
2 **Alarm** - The alarm clock has been set.
3 **Keypad Lock** - Keypad is locked.
4 **Line Indicator** - Tells which line is in use (if you have alternate line service).
5 **Forward**- The **Forward all** function is activated.
6 **SMS** - You have received a text message.
7 **Voicemail** - You have received a voice message.
8 **Silent Ring Signal** - No sound will be heard when you receive a call.
9 **Battery** - State of the battery. A fuller icon indicates more battery strength.

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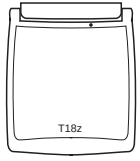
Key Functions

The keys have multiple functions. Use this table as a guide for getting the most of our your keypad.

Key:	Use:
YES	• Make calls. • Answer calls. • Select menus or submenus. • Initiate a voice dial call.
NO	• Turn the phone on or off by pressing and holding. • End a call. • Go back one level in a menu or leave a setting unchanged.
and (arrow keys)	• Access and navigate (scroll through) the menu system.
CLR	• Erase individual digits from the display. • Erase all digits from the display. • Mute the microphone during a call. • Return to standby mode. • Mute the ringer.
9 WXYZ	• Enter the digits 0-9. • Enters the international prefix (+) with 0 key. • Enter special characters. For instance, to enter X, press the 9 key twice. See “Entering Characters” on page 22”.
*	• Enter a star (*) character. • Enter a p (pause). • Switch cases (A or a).
#	• Enter #. • Terminate the input of PIN and security codes. • Enter the phone icon.
	• Increase or decrease the volume of the earpiece or handsfree loudspeaker during a call. • Show today’s date in the display during standby. • Reject a call. • Initiate a voice dial call with upper side key.
	When Activated: • Answers calls. • Ends calls. • Illuminates display.

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Some menus/features are operator dependent.

Active Flip

You can answer a call by opening the flip and end it by closing the flip. This is known as an **Active Flip**.

Deactivating/Activating Your Flip

Note! The flip is activated by default.

1 Select **Active Flip** from the **SETTINGS** menu.

2 Press **YES** to deactivate (or activate) the flip.

3 `Stored` will appear.

Temporarily Disabling the Active Flip

- If you do not want to answer the call, press and hold a side volume key while you open the flip.
- If you do not want to end the call, press and hold a side volume key while you close the flip.

Navigating the Menu System

A diagram of your menu system is located on the inside front cover of this user's guide. You can find all your phone's functions in the menu system. You use the menu system every time you want to change a setting in your phone, such as the ring level.

The menus are arranged in a continuous loop, which you move (**Scroll**) through with ▲ and ▼. Each menu contains a list of options. Some menus have sub-menus with additional options. Press **YES** to **Select** a menu or function.

Instead of pressing ▲ or ▼ repeatedly, you can press and hold it down until you reach the menu or submenu you want.

Note! If you enter the menu system, but do not press a key within 60 seconds, the phone returns to standby mode.

Display Text and Symbols

When you move through the menu system, the display changes. The following hints can help you:

- When arrows are displayed next to the name of the sub-menu, there are more options you can scroll through with ▲ or ▼.
- Text in brackets shows the current setting of the function shown in the display.

In this manual, we have chosen to exclude some of the details in the pictures of the displays. This is so that it will be easier for you understand the display texts.

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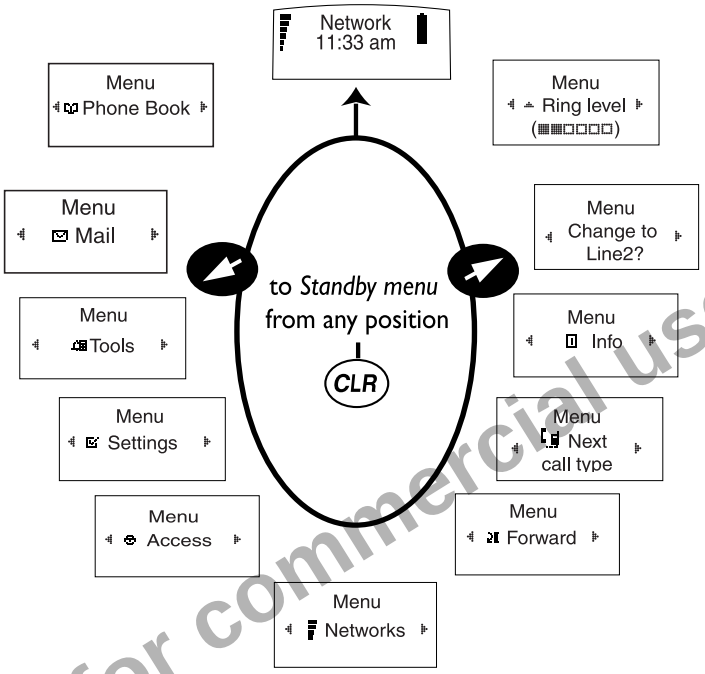

An asterisk (*) indicates that Data Menus (within SETTINGS menu) must be activated.

- Ring Level
- Change to Line 2?
- Info
  - Last call
  - Total calls
  - Credit
  - Price
  - Call list
- Next Call Type*
  - Speech
  - Fax
  - Data
- Forward
  - Phone number
  - Fax number*
  - All numbers*
- Network
  - Select net
  - Searchmode
  - Edit list
  - New search
- Access
  - Call restrict
  - Call waiting
  - Closed Calls
  - Card lock
  - Phone lock
  - Call Cards security
  - Fixed dialing
- Settings
  - Vibrate
  - Ring type
  - Edit melody
  - Clock/Date
  - Mail alert
  - Keylock
  - Key sound
  - Light
  - Minute minder
- Settings (cont.)
  - Call list
  - Call info
  - Active flip
  - Answering mode
  - Handsfree
  - Voice answer
  - Voice dial
  - Auto store
  - Greeting
  - Phone number
  - Language
  - Data menus
  - LIne tag
  - Master reset
- Tools
  - Set alarm
  - Calculator
- Mail
  - Voicemail
  - Read messages
  - Send message
  - Options
  - Area messages
- Phone Book
  - Name recall
  - Position recall
  - Store
  - Edit
  - Erase
  - Erase all from phone
  - Voice label llst
  - Copy all
  - Copy
  - Call card numbers
  - Fixed numbers
  - Service recall
  - Info recall

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Making and Receiving Calls

In this chapter, we assume that you have turned on your phone and that you are within range of a network. If you are away from home, you may use other networks, provided your home network has an agreement that allows you to do this (see also "Networks" on page 57).

Making a Call

1 Enter the phone number (the area code may be necessary).

2 Press **YES**.

The display will show `Calling` and then `Connecting`. Once connected, a time counter automatically starts and you can see how long you have been on the phone. A phone icon will appear in the display.

If you have activated the **Call Cost** option (see "Call Time and Call Cost" on page 64 ") and your network and SIM card supports it, you also see the price of the call in the display.

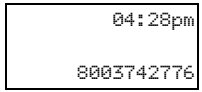
Ciphering !

Ciphering is a built-in feature that "scrambles" your calls and messages to provide additional privacy. An exclamation point next to the phone icon during a call indicates that ciphering is currently not available from the service provider.

Redialing a Previously Called Number

1 Press **YES**.

2 Press ▲ or ▼ until the number (and name) you want to all appears.



3 Press **YES** to make the call.

Automatic Redialing

If the display shows `Retry?` you can redial the number by pressing **YES**. When the call is answered, you hear a beep followed by a ring signal.

Your phone automatically redials (up to 10 times) until:

- the call is answered.
- you press a key or receive a call.

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Ending a Call

- Close the flip (if activated).
- Press **NO** to end the call.

Making International Calls

1 Press and hold the **0** key until a **+** sign appears.

2 Enter the country code, area code (without any leading zero) and phone number.

3 Press **YES**.

Making Emergency Calls

1 Enter **911** (or 112, the international emergency number).

2 Press **YES**.

Note! The emergency number 911 (or the international emergency number, 112) can be used in most countries, with or without a SIM card inserted, if a GSM network is within range. Some network operators may require that a SIM card is inserted, and in some cases, that the PIN code has been entered. Check with your service provider.

Some networks may not use the emergency number, 911. The international emergency number is 112. If you are unsure of what emergency number is used in your country, please contact your network operator or service provider.

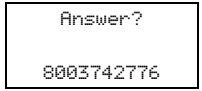
Receiving Calls

When a call is received, the phone rings and the indicator light on the top of the phone flashes green rapidly. The display flashes and shows `Answer?`

Note! If the **Backlight** setting is **On**, backlight will stay on. If it is set to **Off/Auto**, it will flash when a call is received.

Note! The phone has a built-in vibrating unit which allows you to receive calls discretely. See “Vibrating Unit” on page 32 .

If your subscription includes the **Call Line Identification** (CLI) service and the caller’s network sends the number, you see the caller’s number in the display. If the caller’s number and name is stored in the Phone Book, the caller’s name is displayed too.



Answering a Call

- Open the flip (if activated).
- Press **YES**, if the flip is open.

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Some menus/features are operator dependent.

- Voice Activated Answer (Refer to "Answering or Rejecting a Call Using Voice Activation" on page 63.)

Rejecting a Call

You can reject a call any one of the following ways:

- Double-click one of the volume keys on the side of the phone.
- Press **NO**, if the flip is open.
- Close flip (if activated and open).
- Voice Activated Answer (Refer to "Answering or Rejecting a Call Using Voice Activation" on page 63.)

The caller hears a busy tone if the function is supported by the caller's network. If **Forward on Busy** is activated, the call is forwarded to the number you have specified.

During a Call

Your phone has several functions which you might find helpful while a call is in progress.

Changing the Earpiece Volume

- Pressing the upper side volume key increases the volume.
- Pressing the lower side volume key decreases the volume.

Muting the Microphone

Note! All digits must be removed from the display before muting can be used.

1 Press and hold the **CLR** key.
`Mute` appears in the display.

2 To continue your conversation, release the **CLR** key.

Note! Instead of pressing and holding the **CLR** key, you can put the call on hold.

Putting the Call on Hold

Press **YES**. `1 on hold` appears in the display

1 To continue your conversation, press **YES** again.

Scratch Pad Function

If you need to make note of a phone number during a call, you can use the Scratch Pad.

1 Use the number keys to enter the number.

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2 When you end the call, the number remains in the display. You can now call the number by pressing **YES**, or save it in the Phone Book (see "Your Phone Book" on page 22*)*.

Sending Tone Signals

To use telephone banking services or to control an answering machine, you need to use codes. These codes are sent as tone signals (also known as DTMF tones or touch tones).

Press the appropriate keys (0-9, * and #).

Note! You can also save a code together with a phone number in the Phone Book. See "Your Phone Book" on page 22.

Checking Duration/Cost of Call

During a call, the display shows the call duration in minutes and seconds. If you prefer, you can have the call cost displayed, provided your network and your SIM card support this feature. See "Call Time and Call Cost" on page 64 on how to use this feature.

Handling Simultaneous Calls

Your phone is capable of handling more than one call simultaneously. You can put the current call on hold, and then make or answer a second call. You can also set up a conference call with up to five other people. See "Call Waiting Service" on page 53 and "Conference Calls" on page 55 on how to use this feature.

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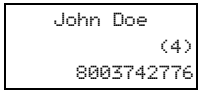
Your Phone Book

You can create a personal phone book by storing phone numbers and accompanying names on the SIM card (card memory) and in the phone (phone memory). You use the **PHONE BOOK** menu for storing and recalling all the phone numbers in your phone book.

Every phone number you store includes a position number, shown in brackets.



You can store the phone numbers together with a name tag to make it easier for you to keep track of your phone numbers. If the position number has a phone icon next to it, it means that you are storing the phone number in the phone memory and cannot take it with you if you change phones. The phone memory can hold up to 99 phone numbers. The number of memory locations on your SIM is dependent on your network subscription. Unless otherwise specified, phone book entries will be stored on your SIM. Once the SIM is full, the entries will be stored in the phone's memory.

Entering Characters

You can only enter letters when you are using the phone book and when you are composing a short message (SMS), see "Short Message Service (SMS)" on page 36.

Press the appropriate key, 1–9, 0 or #, repeatedly until the character you want appears in the display.

Press…	to get…
1	Space - ? ! , . : ; " ' < = > ( ) 1
2	A B C Å Ä Æ à Ç 2 Γ
3	D E F è É 3 Δ Φ
4	G H I Ì 4
5	J K L 5 Λ
6	M N O Ñ Ö Ø ò 6
7	P Q R S ß 7 Π Σ
8	T U V Ü ù 8
9	W X Y Z 9
0	+ & @ / ¤ % $ £ ¥ § ¿ ¡ 0 Θ Ξ Ψ Ω
#	# *

Example: to enter an A, press **2** once. To enter a B, press **2** twice.

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Quick Tips

Entering Lowercase Letters

Enter the letter, for example an A, and then press *. An a appears. Lowercase letters now appear until you press * again.

Entering Digits

When entering special characters, you can go directly to the keypad number by pressing and holding the number (#) key.

Inserting the Phone Book Icon

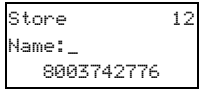
In the **PHONE BOOK** menu, press # to enter the phone icon. Outside the **PHONE BOOK** menu, you must press and hold # to enter it.

Storing a Number Together with a Name

1 Enter the area code and phone number you wish to store.

2 Scroll to **PHONE BOOK** and press **YES**.

3 Select **Store**.
The first free memory position is suggested.



4 Enter the name tag that you want to associate with the number. See "Entering Characters" on page 22.

5 Press **YES**. Record voice label now? appears.

6 If you do not want to record a voice label, press **NO**. Press **YES** to record.

7 Say the voice label after the tone. The voice label is played back to you.

8 If you are satisfied, press **YES** to store the voice label. Otherwise, press **NO** and follow the prompts. Once stored in your phone book, the voice label icon appears next to the position number.

For more information on voice recognition, see "Voice Activation" on page 60.

Note! If you intend to use your phone away from your local area, you should store all phone numbers with the area code. If you intend to use your phone internationally, you should also include the international prefix (+). The international prefix will automatically be replaced by the international dialing prefix for the country you are calling from, followed by the country code, the area code, and the phone number.

Storing in a Different Position than Suggested

After you have entered a phone number to be stored and selected the **Store** function, you can choose what position to store the number in.

- To save in a position of your choice in the card memory, press ◢ and enter a position number of your choice.

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- To save in a position of your choice in the phone memory, press * and press # once. Enter the position followed by **YES**.
- To save in the first empty position in the phone memory, press * and press # twice followed by **YES**.

Overwrite Protection

If you try to store a phone number in a position which already contains a phone number, the message `Used Overwrite?` appears in the display.

Then do one of the following:

Storing in the selected position

Press **YES** to replace the number with the new one.

Storing in a different position

1 Press **NO**.
2 Enter the new position number.
3 Press **YES**.

When a Memory is Full

If you try to store a phone number and the memory you want to store it in is full, the phone suggests a position number in the memory that is not full.

When Both Memories are Full

If both memories are full, the phone does not suggest a storage position. If you still want to store the number, you have to erase an old number by entering a position that is already occupied and press **YES**.

Erasing a Storage Position from the SIM Memory

1 Scroll to PHONE BOOK and press **YES**.
2 Scroll to `Erase`. Press **YES**.
3 Enter, or scroll to, the position number you want to erase.
4 Press **YES**.

Erasing a Storage Position from the Phone Memory

1 Scroll to PHONE BOOK and press **YES**.
2 Scroll to `Erase` and press **YES**.
3 Press #. The phone icon appears.
4 Enter, or scroll to, the position number you want to erase.
5 Press **YES**.

Note! If you choose `Erase all from phone`, all phone numbers that are stored with the phone icon are lost.

Using the Phone Book

There are two ways of using the phone book: you can either call a number by using the name tag stored with

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it; or you can call the number by using the memory position that the number is stored in.

Calling Using the Name

1 Clear the display.

2 Scroll to **PHONE BOOK** and press **YES**.

3 Select **Name recall**.

4 Enter the name of the person you want to call, or scroll with ▲ ▼ until you find it.

5 Press **YES** to call the number.

Calling Using the Position

1 Clear the display.

2 Scroll to **PHONE BOOK** and press **YES**.

3 Select **Position recall**.

4 Enter the position number you want to call and press **YES**.

If You Know the Position Number

1 Enter the position number.

2 Press #.

3 The name will appear.

4 Press **YES** to call.

Speed Dialing (memory positions 1 - 9)

1 Clear the display.

2 Press a position number, 1 - 9.

3 Press **YES**.

Keeping the Phone Book Up to Date

Sometimes people change their names, their phone number, or even both. To get the best use out of your phone book, you want the names and numbers to be correct. They are easily changed with the **Edit Phone Book** feature. If someone has changed both name and number, it might be easier to overwrite the old storage position with the new one, instead of changing both name and number separately.

Changing a Phone Number in Your Phone Book

1 Clear the display.

2 Scroll to **PHONE BOOK** and press **YES**.

3 Select **Edit**.

4 Scroll to **Find name**.

5 Enter the full name and press **YES**.

6 Press ▼ once to move the cursor to the row with the phone number.

7 Move the cursor with ▲ or ▼ to where you want to change the number.

8 Enter the new number or clear the display with **CLR**.

9 Press **YES**.

Changing a Name in Your Phone Book

1 Clear the display.

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2 Scroll to **PHONE BOOK** and press **YES**.

3 Select **Edit**.

4 Scroll to **Find name**.

5 Enter the name and press **YES**.

6 Use ◄ or ► to navigate.

7 Change the name by entering or erasing letters.

8 Press **YES**.

Entering the Phone Book Alphabetically

You can access entries in your phone book using the keypad. For example, to access entries beginning with A-C, press the 2 key. To access entries beginning with M-O, press the 6 key.

Copying Phone Numbers Between Memories

If you want to use a different SIM card or phone, it is a good idea to copy your phone book from the SIM card to the phone memory or vice versa. Then you can easily copy the phone book back to the memory of your choice. Also, as you fill up the phone book memories, you might want to move entries from one memory to another.

Copying a Number from SIM Memory to Phone Memory

1 Scroll to **PHONE BOOK** and press **YES**.

2 Select **Copy.**

3 Select **Card → Phone**.

4 Enter the number of the first memory position in the SIM memory you want to copy to the phone memory and press **YES**.

5 Enter the number of the first memory position in the phone memory you want to copy to and press **YES**.

6 Press **YES** to copy.
The next position in the SIM memory is displayed and the first empty position in the phone memory is suggested.

7 To continue copying, press one of the following:

- **YES** to copy.
- **NO** to go to the next position in the SIM memory.
- **CLR** to copy to another position in the phone memory. Enter the number of the position and press **YES**.
- ◄ and ► to move between positions in the SIM memory.

Interrupting Copying

- Press **CLR** twice.

Copying a Number from Phone Memory to SIM Memory

Follow the instructions in "Copying a Number from SIM Memory to Phone Memory", but chose the **Phone → Card** option in the **PHONE BOOK** menu instead of **Card → Phone.**

Copying All Numbers from SIM to Phone Memory

1 Scroll to **PHONE BOOK** and press **YES**.

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2 Select **Copy all.**

3 Select **Card → Phone**.

4 Enter the number of the first position in the SIM memory you want to copy to the phone memory and press **YES**.

5 Enter the number of the first position in the phone memory you want to copy to and press **YES**.

6 Press **YES** to start copying.

Copying All Numbers from Phone Memory to SIM

Follow the instructions in "Copying a Number from SIM Memory to Phone Memory", but choose the **Phone → Card** option in the **PHONE BOOK** menu instead of **Card → Phone.**

Using the Call List

This section describes the **Call List** function, which is a type of telephone number log or a memory that stores information (time, date, phone number, and name - if stored in phone book) about the last 30 incoming and outgoing calls. Once your list exceeds 30 calls, the oldest one is deleted.

The numbers that you have dialed are always stored. If your subscription includes the CLI service and the caller's network sends the number, you will find the number (together with a name if stored in your phone book) of an incoming call in the Call List. You can call any of the stored numbers. The following icons appear in the display together with the name and number.

Icon	Explanation
	The **Answered calls** icon appears next to the date or time of answered calls.
	The **Missed calls** icon appears next to the date or time of missed calls.
	The **Dialed numbers** icon appears next to the date or time of a dialed number.

All the calls are stored together in chronological order. If the same number is called more than once, the latest call replaces earlier ones. If you check a call made on the same day, the time of the call is displayed. Otherwise, the time is replaced by the date. You can toggle between date and time by pressing *.

If no information about the caller's number was received, the display shows `Unknown`, which means that no information was available, your subscription does not support CLI, or the caller did not allow the number to be shown.

Note! If you change SIM cards or deactivate the Call List, it is cleared. Dialed numbers remain in the SIM card memory.

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Some menus/features are operator dependent.

Activating the Call List Function

1 Scroll to **SETTINGS** and press **YES**.

2 Select **Call list**, **On**.

Calling a Number from the Call List

Press **YES** from Standby.

or

1 Scroll to **INFO** and press **YES**.

2 Select **Call list**.

3 Scroll to the number that you want to call.

4 Press **YES** to make the call.

Missed Calls

If you have missed a call, the phone shows `Calls: 1`, where the number **1** indicates the number of unanswered/missed calls.

Press **YES** to go directly to the call list.

Erasing a Number from the Call List

1 When the caller's name, number, and time of call appears, press **CLR**. `Erase?` appears.

2 Press **YES**.

Turning the Call List Memory Off

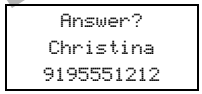
1 Scroll to **SETTINGS** and press **YES**.

2 Select **Call list**, **Off**.

Note! If you turn the **Call list** off, all stored entries are erased.

Calling Line Identification (CLI)

If your subscription includes the CLI service and the caller's network sends the number, you will see the caller's number at the bottom of the display when you receive a call. If the number is stored with a name in the phone book, the name is also shown in the display.



Hiding or Showing Your Phone Number

With most subscriptions, the receiver can see your phone number when you make a call. However, some operators offer subscriptions where your phone number is normally hidden. If you want to change the setting for a particular call, this is possible, provided the network you use supports it.

Hiding Your Phone Number for a Particular Call

1 Enter the phone number you wish to call.

2 Scroll ➘ to **SPECIAL FUNCTIONS** and press **YES**.

3 Select **Hide ID**.

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Showing Your Phone Number for a Particular Call

1 Enter the phone number you wish to call.

2 Scroll ➶ to **SPECIAL FUNCTIONS** and press **YES**.

3 Select **Send ID**.

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Personalizing Your Phone

Your phone includes a number of functions which let you adapt your phone to your own personal needs in different situations. Note that some of the functions allow you to have one setting when the phone is handheld and another when it is connected to handsfree equipment. See “Calling from Your Car” on page 68“.

Ring Signal Volume

You have eight ring level choices. You can choose from six ring levels, turn the ring signal off (0), or select a ring signal that rises in steps from the softest volume to the loudest.

To set the ring signal volume, follow these steps:

1 Scroll to **RING LEVEL** and press **YES**.
The ring signal volume appears in the display.

2 Use ↗ to increase the volume, ↙ to decrease it.
The phone rings once with the actual setting as you increase the volume, except for the Step (^)setting.

3 Press **YES** to save the setting.

Note! Use the volume keys on the side of the phone to change the volume of the ring signal silently.

Ring Signal Type

You can choose the type of ring signal from a list of different ring tones and melodies. You can also compose up to four melodies of your own by entering notes with the keypad (see “Your Own Ring Signals” on page 32).

Ring Tones

1 Low
2 Medium
3 High
4 Mix

Note! When the lowest setting is selected, the phone will only click twice. If the Vibrating Unit is also activated, the phone will click twice and the unit will vibrate continuously.

Melodies

1 Scotland the Brave
2 Bronzol
3 Toccata

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4 Sailors Hornpipe

5 The Entertainer

6 Eine Kleine Nachtmusik

7 Für Elise

8 Bergakungens Sal

9 Vivaldi - Four Season - Spring

10 Boccherini - Menuett

11 Verdi - Rigoletto

12 Grieg - Per Gynt

13 Brahms - Hungarian dance number 5

14 Trad. - Gärdebylåten

15 Wagner - Valkyrian

To choose one of the ring signal types

1 Scroll to **SETTINGS** and press **YES**.

2 Select **Ring type**.

3 Select **Phone**.

4 Scroll until you find the ring signal type that you want.
If you do not want to disturb other people, use the volume keys on the side of the phone to scroll silently.

5 When you reach the ring type you want, select it by pressing **YES**.

Different Ring Signals for Line 1 and Line 2

If you subscribe to the Alternate Line Service (ALS), L1 or L2, depending on the line in use, is displayed instead of Phone. This means that you can set different ring signals for the two lines.

Different Ring Signals for Speech, Data and Fax Calls

If you have turned the **DATA** menus on (see "Sending and Receiving Faxes and Data" on page 69), you can set different ring signals for speech, L1 or L2, fax, and data calls.

Personal Ring Signals

If your subscription includes the CLI service, you can assign a personal ring signal for up to 10 callers. In other words, you can have one ring signal that corresponds to your home phone number, one to your office, etc.

If the last seven digits of a caller's number correspond to a number you have specified, then that caller's ring signal is used.

You can include question marks (?) in a phone number. For example, 919555**????** means that calls from phone numbers between 9195550000 and 9195559999 will have the same personal ring signal. To enter a ?, press #.

Specifying a Caller's Number and the Accompanying Ring Signal

1 Scroll to **SETTINGS** and press **YES**.

2 Select **Ring type**.

3 Select **Personal**.

4 Add new? appears.

5 Press **YES**.

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6 Enter the caller's number and then press **YES**.
If a phone number is stored in the phone book, press ↙ to recall the number.

7 Scroll to ring signal type you want and then press **YES**.

Erasing a Caller's Number

1 Scroll to **SETTINGS** and press **YES**.

2 Select **Ring type**.

3 Select **Personal**.

4 Scroll to `Erase?`.

5 Press **YES**.

6 Scroll to the number you want to erase and then press **YES**.

Your Own Ring Signals

You can compose four ring signals by following these steps:

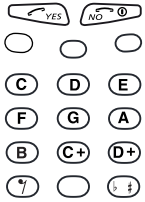
1 Scroll to **SETTINGS** and press **YES**.

2 Select **Edit melody**.

3 Select **Own 1**, **Own 2**, **Own 3**, or **Own 4**.

4 Press and hold **CLR** to clear the display.

5 Use the keypad to enter notes. The keypad now works as a keyboard.



6 Press and hold a key to enter a long note.

7 Press **0** to raise the note one octave.

8 To listen to your melody, press **YES**.

9 Press **YES** again to save it or press **NO** to continue editing.

Vibrating Unit

You can set the phone´s vibrating unit to **Off**, **On**, or **On when silent** when the ring signal is turned off.

1 Scroll to **SETTINGS** and press **YES**.

2 Select **Vibrate.**

3 Select the desired setting.

Minute Minder

If you turn on the minute minder, you hear a beep once every minute during a call.

1 Scroll to **SETTINGS** and press **YES**.

2 Select **Minute minder**.

3 Select **On** or **Off**.

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Message Signal

You can choose whether to hear clicks, tones or nothing (silent) when you receive a text (SMS) or voice message.

1 Scroll to **SETTINGS** and press **YES**.
2 Select **Mail alert**.
3 Select the sound you wish to hear.

Key Sound

You can choose whether to hear clicks, tones, or nothing (silent) when you press the keys.

1 Scroll to **SETTINGS** and press **YES**.
2 Select **Key sound**.
3 Select the key sound you want.

Note! The side volume keys and flip will also click when the key sound is set to click. With all other settings they are silent.

Display Light

You can set the display light to automatic, off or on. In automatic mode, the display light is turned off automatically 10 seconds after you pressed the last key. It comes on again when you press a key, open the flip, or when you receive a call or message

1 Scroll to **SETTINGS** and press **YES**.
2 Select **Light**.
3 Select the display light setting you want.

Display Language

The default language on your SIM card is English.

To change the display language:

1 Scroll to **SETTINGS** and press **YES**.
2 Select **Language.**
3 Select the language you want.

Note! If by accident you end up with your phone displaying a language you do not understand, you can return to the SIM default by pressing **CLR** , **0000** .

Greeting Text

This feature is network dependent.

When you turn on your phone, your service provider's name or the Ericsson logotype appears in the display. Instead of this, you can write your own greeting.

1 Scroll to **SETTINGS** and press **YES**.
2 Select **Greeting**.
3 Select **New text**.

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4 Write your new greeting, using the number keys. For information on how to enter letters, see "Your Phone Book" on page 22.

5 Press **YES** to confirm your setting.

Turning the Greeting ON/OFF

1 Scroll to **SETTINGS** and press **YES**.

2 Select **Greeting**.

3 Select **On** or **Off**.

Reverting to the Ericsson Logotype

1 Scroll to **SETTINGS** and press **YES**.

2 Select **Greeting**.

3 Select **New text**.

4 Press and hold **CLR** to erase the greeting text. Then press **YES**.

Phone Number Display

You can have your phone number displayed when you turn the phone on. This requires that you replace the Ericsson greeting with a greeting text of your own, or turn the Ericsson greeting off. If your phone number cannot be retrieved from your SIM card, you must enter it yourself.

Entering your Phone Number

1 Scroll to **SETTINGS** and press **YES**.

2 Select **Phone no.**

3 Select **Phone no.** (again).

4 Enter the number and then press **YES**.

Note! If your SIM card allows it, you can also enter your fax and/or data number.

1 Scroll to **SETTINGS** and press **YES**.

2 Select **Phone no**.

3 Scroll to **Fax no.** or **Data no.** and press **YES**.

4 Enter the number and then press **YES**.

Time

The time is always displayed when the phone is in standby mode.

Setting the Time Format

1 Scroll to **Settings** and press **YES**.

2 Select **Clock/Date**.

3 Select **Set clock**.

4 Select the 24-hour or 12-hour (am/pm) clock. Twelve-hour is the default.

Setting the Clock

1 Enter the time in hours and minutes.
If you selected the 12-hour clock, you can alternate between am and pm by pressing # or *.

2 Press **YES**.

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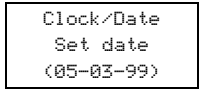
Date

When the phone is in standby mode, you can press a volume key to the current date. Use the lower side volume key if voice activation is active. The default date format is mm-dd-yy.



Setting the Date Format

1 Scroll to **SETTINGS** and press **YES**.
2 Select **Clock/Date**.
3 Select **Set date**.
4 Select the date format you want.
5 Enter the year (two digits) and then press **YES**.
6 Enter the month and day in the same way.

Auto Store

You can choose to let the phone prompt you to store a called number that is not stored in your phone book. The phone then asks `Store?` when the call has ended.

Turning the Function ON/OFF

1 Scroll to **Settings** and press **YES**.
2 Select **Auto store**.
3 Select **On** or **Off**.

Master Reset

You can reset some settings to their default values. If you do so, the following settings are affected:

- All settings in the **SETTINGS** menu, except your own ring signal melodies
- The ring signal volume
- The earpiece volume and the handsfree speaker volume
- The alarm function in the **TOOLS** menu is turned off
- The **Area info** and **Reply Request** in the **MAIL** menu are turned off

Resetting the Phone to Default

Enter ◢ 73738 ◥ **or**

1 Scroll to **SETTINGS** and press **YES**.
2 Select **Master reset.**
3 Enter the phone lock code (the default code is **0000**) and press **YES**.

Resetting the Display Language to SIM Default

Enter ◢ 0000 ◥.

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Mail Services

Your phone is equipped with two types of mail: **Short Message Service** (**SMS**) and **Voicemail**.

SMS, or text messaging, allows you to send and receive text messages consisting of up to 160 characters.

Voicemail is a service that allows callers to leave voice messages when you cannot answer your calls. This chapter will provide instructions on using the SMS and Voicemail services.

Short Message Service (SMS)

You can receive text messages when the phone is in standby mode, during a call or when incoming calls are forwarded to another phone number. If your phone is turned off when a message is sent to you `New Message Read Now` will appear shortly after you turn your phone on.

If your SIM card does not contain the phone number to your network service center, you must specify the number yourself. Otherwise you cannot reply to messages received or send your own messages. See "Enabling the Phone to Send SMS" on page 36 .

Note! The SMS may not be available on all networks. Some network operators may only allow SMS to be sent within their own network.

Enabling the Phone to Send SMS

If you want to send or reply to a message, make sure that the service center number is set. Most modern SIM cards already contain this information at the time of purchase. You can obtain the service center number from your network operator.

Setting the Service Center Address

1 Scroll to **MAIL** and press **YES**.

2 Select **Options**.

3 Select **Serv Center**.

4 If no number appears in the display, enter the number of the service center, including the international prefix, and press **YES**.

5 Press **CLR** to return to standby mode.
Your phone is now ready to send text messages.

Enhancing Your Text Messages

Before you send your message, you can set the type of message, the duration of repetitions, and if you want to be able to reply to your messages.

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Message type

Your phone can send other types of messages. Your network operator's service center may offer the facility to convert a text message into a format (e-mail, fax, telex, etc.) that suits the equipment that is going to receive the message. Check with your network operator to find out which message types you can use and how.

To change message types

1 Scroll to **MAIL** and press **YES**.

2 Select **Options**.

3 Select **Msg type.**

4 Scroll to the format that you want and press **YES**.

Repetition of Message

If your message cannot be delivered because the receiver is not within reach of a network, you can instruct your Service Center to repeat the message for a certain length of time.

Setting Repetition of a Message

1 Scroll to **MAIL** and **YES**.

2 Select **Options**.

3 Select **Valid period.**

4 Scroll to the time span that you want and press **YES**.

Reply to Messages

Sometimes you may want the receiver of your message to reply. If so, set the request reply prompt.

Setting the Request Reply Prompt

1 Scroll to **MAIL** and press **YES**.

2 Select **Options**.

3 Select **Reply req**.

4 Select On or Off.

Composing a Text Message

For more information on how to enter text, see "Your Phone Book" on page 22.

Editing the Written Text

1 Scroll through the message text with the arrow keys and erase characters to the left of the cursor using **CLR**, or insert characters to the right of the cursor.

2 Press **1** to insert a space.

Note! To scroll to the beginning of the message, press ◢ until you reach the characters you want to view.

Note! If there is a pause of more than 120 seconds between entering characters, the phone stores the message and returns to the standby menu.

Sending a New Text Message

1 Scroll to **MAIL** and press **YES**.

2 Select **Send message**.

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3 Select **New**.
An empty display appears.

4 Enter your message.

5 When you have completed your message, press **YES**.

6 Enter the receiver's phone number or recall it from the phone book.

Note! To access the **PHONE BOOK** menu, press ↓ twice. Scroll through the phone book using ↓↑.

Send Now or Later?

When you have entered or recalled the receiver's number, you have two options:

- To send the message now, press **YES**.
- To store the message for later use, press **NO**. The message is now stored in the message memory.

If you decide to send the message later, the message is labeled `To Send` instead of `Sent` when you access the message in the `Read messages` menu.

Note! The same procedure is used with all types of messages, such as e-mail or fax. Check with your network operator to find out which message types you can use. You have to change the message type first.

Sending a Stored Message

1 Scroll to **MAIL** and press **YES**.

2 Select **Send message**.

3 Scroll to the stored message you wish to send and press **YES**.

4 Now you can edit your message. When you are ready to send the message, press **YES**.

5 Re-enter the phone number.

6 To send the message press **YES**.

Receiving a Message

When you receive a message, you hear a sound and the display indicates that you have a new message. The indicator light on the top of the phone rapidly flashes green.

Read the Message Now

1 Press **YES** when you see the `Read now?` prompt. The display shows the status of the message (New) and when it was received. If your network supports CLI, the sender's number is also displayed. If the sender's number and name is stored in the phone book, his or her name is shown instead.

2 Press **YES** to read the message. Scroll through the message using the arrow keys (↓ takes you forwards and ↑ takes you backwards through the message).

3 The prompt `Erase?` appears after the last line of the message. Press **YES** to erase.

4 Press **NO** and `Reply?` will appear. If the sender wants you to reply, the displayed message will read `Reply requested` provided that your network supports this. See "Replying to a Message" on page 40.

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Reading the Message Later

- Press no when you see the Read now? prompt. The message is stored in the message memory as **New** and the envelope icon appears at the bottom of the standby display.

Reading a Stored Message

1 Scroll to **MAIL** and press **YES**.

2 Select **Read messages**.

3 Scroll to the message you are looking for.
New means an unread message.
Old means a read message.
Sent means a message that you have sent yourself.
To Send means a message you have written, but not sent.

4 Press **YES**.

5 Read the message as described in "Receiving a Message".

Note! To go to the next line in the message, press .

Note! If there is an icon in the shape of a SIM card in front of the message, it means that it is stored on the SIM card.

Note! When viewing the top line of the message, press * to switch between seeing the time and date the message was received.

Embedded Numbers

Sending an Embedded Number

When sending a message to another wireless phone, or when asking someone to send a message to your Ericsson phone, follow the guidelines listed below to ensure that the phone retrieves the entire number from the message, displays it, and allows the phone user to dial the number by pressing **YES**.

A phone number enclosed within double quotation marks has the highest probability of being recognized (for example, "9195551212").

Other ways to write the phone number within messages are:

- 9195551212
- 919-555-1212
- +19195551212

Note! If you are sending an embedded number internationally, it is best to include the international dialing code, area code, and area prefix as part of the number to help in the call back process. The receiver of the message has the option of editing a number before attempting to call back.

Note! If the number embedded in the SMS matches a phone book entry, a name will be displayed when the embedded number is dialed.

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Some menus/features are operator dependent.

Calling an Embedded Number

- Press **YES** to call the embedded name/number. If there are multiple numbers in the display, the first number will be dialed.

Replying to a Message

1 Scroll to the end of the message.
The `Reply?` prompt appears.

2 Press **YES** to reply (press **NO** if you do not want to reply).

3 Press **YES** and proceed as described in "Composing a Text Message".

Erasing a Message

1 Scroll to the end of the message.
The `Erase?` prompt appears.

2 Press **YES** to erase. The next message automatically appears in the message list.

Note! Press and hold **CLR** within a message to clear.

Storing Incoming Messages

If you do not want to read an incoming message at once, it is automatically stored in the message memory in the phone. This allows you to read it later. If there are any unread messages in the message memory, the envelope icon appears at the bottom of the standby display. The message is stored in the message memory as New.

The message memory can hold up to 15 messages. When all memory positions are full, the oldest **read** message is overwritten when a new **unread** message is received.

If the message memory becomes full with **unread** messages, new messages are automatically stored in the SIM card memory. If the SIM card memory becomes full, the envelope icon starts flashing.

Messages remain in the message memory until you erase them (see "Erasing a Message" on page 40), until you insert a different SIM card, or until the telephone needs the memory space to store new messages.

The SIM Card Memory

You can store important messages in a memory on your SIM card. This means that you can find them no matter which phone you use. Messages that are saved in the SIM card memory remain there until you erase them. The maximum number that you can store depends on your SIM card.

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If the SIM card memory becomes full, the envelope icon starts flashing. The text `Not stored Mem full` appears. You will have to erase one or more messages before you can store any new messages in the SIM card memory.

Storing a received message in the SIM card memory

1 Press **NO**.
The `Erase?` prompt appears.

2 Scroll to the end of the message.
The `Reply?` prompt appears.

3 Press **NO**.
The `Store?` prompt appears.

4 Press **YES**. The message automatically moves from the message memory to the SIM card memory. The display now shows the position of the message. For example, if it is the third of 15 that the phone can store.

Note! You can also store messages you have composed yourself on the SIM card. See "Own Messages" on page 41.

Own Messages

You can store up to 10 standard messages, to be reused whenever you want. The messages must not exceed 30 characters.

Creating an Own Message

1 Scroll to **MAIL** and press **YES**.

2 Select **Send message**.

3 Select **Own messages**.

4 Scroll to the end of the message list. The phone prompts: `New.`

5 Press **YES**.

6 Enter the message (see "Composing a Text Message" on page 37), and press **YES**. The phone prompts `Store?`

7 Press **YES**.

Sending an Own Message

1 Scroll to **MAIL** and press **YES**.

2 Select **Send message.**

3 Select **Own messages.**

4 Scroll to the message you wish to send and press **YES**.

5 Press **YES** to send the message, see "Sending a New Text Message" on page 37.

Deleting an Own Message

1 Scroll to the message you wish to delete, then press and hold **CLR**.
The phone asks `Delete Own 1?`

2 Press **YES**.

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Some menus/features are operator dependent.

Area Information

The ordinary Short Message Service is a personal service that carries your private messages. Area Information is a text message which is broadcast to all subscribers in a certain network cell at the same time. For example, the information may be a local road report or a local taxi phone number.

Note! This feature may not be available on all networks.

Turning Area Information On

1 Scroll to **MAIL** and press **YES**.
2 Select **Options**.
3 Select **Area info.**
4 Select **On**.

Turning Area Information Off

1 Scroll to **MAIL** and press **YES**.
2 Select **Options.**
3 Select **Area info.**
4 Select **Off**.

Area Information Message Types

Each type of Area Information message is identified by a three-digit code. At present, the following message types exist:

Code	AI Message Type
000	Index
010	News flashes
020	Hospitals
022	Doctors
024	Pharmacy
030	Long-distance road reports
032	Local road reports
034	Taxis
040	Weather
050	District (base station identity)
052	Network information

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Code	AI Message Type
054	Operator services
056	Directory inquiries (national)
057	Directory inquiries (international)
058	Customer care (national)
059	Customer care (international)

Note! These codes are operator dependent. For information about the Area Information services you can use, refer to the information supplied by your network operator.

Area Information Message List

You can decide which types of area information messages you want to receive. The phone's **Area info** list is dependent on the SIM.

Inserting an Area Information Code

1 Scroll to **MAIL** and press **YES**.
2 Select **Options.**
3 Select **Area info**.
4 Select **Edit list**.
The number to the left indicates the position in the list. You can scroll forwards and backwards through the list with ▲▼.
5 To insert a code, scroll to the first empty position, using ▲▼ and press **YES**.
6 Enter the new code (you only need to enter 40 for 040, since the phone adds the leading zero automatically).

Erasing or Replacing a Code

1 Scroll to **MAIL** and press **YES.**
2 Select **Options.**
3 Select **Area info.**
4 Select **Edit list.**
5 Scroll to the code you want to erase/replace and press **YES**.

To erase

1 Scroll to **Erase?**
2 Press **YES**.

To replace

1 Scroll to **Change code?** and press **YES**.
2 Enter the new code and press **YES**.

Receiving an Area Message

When you receive Area information, the message is stored in the phone memory. When Area info is turned on, you can read the messages via the Area messages function in the **MAIL** menu.

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Reading an Area Message

1 Scroll to **MAIL** and press **YES**.

2 Select **Area Messages.**

3 Scroll from one message to another.

4 To select a message, press **YES**.

Note! The phone only stores one message per code. This means that the message stored previously in a specific code will be overwritten.

Voicemail

Note! This feature is network dependent.

The answering service of your network allows callers to leave a voice message when you cannot answer your calls. When you receive a voicemail, the voicemail icon appears in the display.

Entering the Number of Your Voicemail Service

1 Scroll to **MAIL** and press **YES**.

2 Select **Options**.

3 Select **Set Voicemail**.

4 Select **New number**.

5 Enter the number of your voicemail service and press **YES**.

Note! This menu is omitted if the voicemail number is available from the SIM.

If the SIM card already contains the number of your operator's voicemail service, you do not have to enter it. The **Set Voicemail** menu will not appear.

Activating Your Voicemail Function

1 Scroll to **MAIL** and press **YES**.

2 Select **Options.**

3 Select **Set Voicemail**, **On**.

Calling Your Voicemail Number

1 Scroll to **MAIL** and press **YES.**

2 Select **Voicemail**.

Changing Your Voicemail Number

1 Scroll to **MAIL** and press **YES**.

2 Select **Options.**

3 Select **Set Voicemail**.

4 Select **New number.**

5 Enter your new voicemail number and press **YES**.

Canceling Your Voicemail Function

1 Scroll to **MAIL** and press **YES**.

2 Select **Options**.

3 Select **Set Voicemail**, **Off**.

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Forwarding Calls

If you want to make certain that your incoming calls are correctly handled when you are unable to answer them, you can use the **Call Forward** service to forward them to another phone number.

Note! If you subscribe to the Alternate Line Service (ALS), you can set different Call Forwards for the two lines, i.e. Line 1 and Line 2.

Note! The Call Forward service may not be available on all networks.

Activating Call Forward

1 Scroll to **FORWARD** and press **YES**.

2 Select the forward you want:

- **On busy** - forward calls if you are already on the phone.
- **No reply** - forward calls that you do not answer within a specified time limit (operator dependent).
- **Unreachable** - forward calls if your phone is turned off or if you are unreachable.

Note! You may use any combination of these options. You may also forward all incoming calls, **All calls**. A forward indicator in the shape of an arrow is shown in the display. If you activate the **All calls** forward, all other forwards are automatically canceled. However, they are activated again when you cancel the **All calls** forward.

3 Select **Activate**.

4 Enter the phone number, including the area code, to which you want your calls to be forwarded and then press **YES**.

Note! If the phone number is stored in the phone book, you do not need to enter it. Press ◢ and then recall the number.

Forwarding When the Data Menus are On

If you have turned the **Data menus** on, you can set call forwards for your phone, data and fax numbers respectively. To forward, proceed as described above.

For data and fax numbers, there are only two forward alternatives:

- All calls
- Unanswered (includes On busy, No reply and Unreachable)

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Checking the Forward Status

Checking the Status of a Certain Call Forward

1 Scroll to **FORWARD** and press **YES**.

2 Select the forward you want.

3 Select **Get status**.

The message `Please wait` appears, followed by a message which informs you whether the call forward is activated or not.

Checking the Status of All Call Forwards

1 Scroll to **FORWARD** and press **YES**.

2 Select **Check all.**

The message `Please wait` appears, followed by information about all call forwards, for example, whether they are activated or not.

Canceling Call Forwards

1 Scroll to **FORWARD** and press **YES.**

2 Select the forward you want.

3 Select **Cancel.**

The message `Please wait` appears, followed by a message which informs you that the call forward has been canceled.

Canceling All Call Forwards

1 Scroll to **FORWARD** and press **YES**.

2 Select **Cancel all**.

The message `Please wait` appears, followed by a message which informs you that all call forwards have been canceled.

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Security

Keypad Lock

The **Keypad Lock** helps you to avoid accidental dialing, which can happen if you keep your phone in your pocket. An icon in the shape of a key in the display informs you that the keypad is locked.

The keypad lock is automatic. This means that if you do not press a key within 25 seconds, the keypad is locked.

Note! Calls to the emergency number 911 (or 112) can be made when the keypad is locked. If the phone alarm rings, you can turn it off by pressing any key.

The keypad remains locked until you:

- answer an incoming call
- replace the battery
- unlock the keypad

Note! The keylock is always disabled if the phone is connected to vehicle handsfree equipment.

Activating Keylock

1 Scroll to **SETTINGS** and press **YES**.

2 Select **Keylock**.

3 Select **Auto**.

Canceling Keylock

1 Scroll to **SETTINGS** and press **YES**.

2 Select **Keylock**.

3 Select **Off**.

Unlocking Keypad

1 Press .

2 Press **YES**.

The SIM Card Lock

The SIM card lock only protects your subscription and not your phone itself from unauthorized use. If you change SIM cards, the phone still works with the new SIM card.

Some SIM cards are protected with a PIN at the time of purchase. If the SIM card lock is activated, you have to enter the PIN every time you turn on your phone. If you enter your PIN incorrectly three times in a row, the SIM card is blocked. This is indicated by the message `PIN Blocked. Unblock?` If this happens you need to unlock it to access your subscription.

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Some menus/features are operator dependent.

Unblocking Your SIM Card

1 Press **YES**.

2 Enter your PUK (or PUK2) which you will find in the information from your network operator.

3 Enter a new four- to eight-digit PIN (or PIN2).

4 Press **YES**.

5 Re-enter the new PIN (or PIN2) to confirm.

6 Press **YES**.

Note! If you enter the wrong PUK 10 times in a row, your card is permanently blocked. If this happens, you should contact your network operator.

Changing PIN

1 Scroll to **ACCESS** and press **YES**.

2 Select **Card Lock.**

3 Select **Change PIN code**.

4 Enter your old (current) PIN and press **YES**.

5 Enter your new PIN and press **YES**.
The phone asks you to repeat the PIN.

6 Enter your new PIN a second time and press **YES**.
The PIN is now changed.

Note! If the message `Matching error` appears, this means you entered the new PIN incorrectly. If the message `Wrong PIN` appears, followed by `Enter Old PIN`, you entered your old PIN incorrectly.

Changing PIN 2

1 Scroll to **ACCESS** and press **YES**.

2 Select **Card Lock.**

3 Select **Change PIN2 code**.

4 Follow the same procedure as described in “Changing PIN” on page 48.

Activating the SIM Card Lock

1 Scroll to **ACCESS** and press **YES**.

2 Select **Card Lock.**

3 Select **Lock card**

4 Enter your PIN and press **YES**.
The message `Locked` confirms that the card lock is now activated.

Canceling the SIM Card Lock

1 Scroll to **ACCESS** and press **YES**.

2 Select **Card Lock.**

3 Select **Unlock card**

4 Enter your PIN and press **YES**.
The message `Unlocked` confirms that the card lock is now canceled.

Note! This only works if your SIM card allows you to cancel the card lock.

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Phone Lock

The phone lock protects the phone against unauthorized use if it is stolen and the SIM card exchanged. It is not activated when you buy the phone. You can change the default security code **0000** to any three- to eight-digit personalized code.

The phone lock has two levels: Full Lock and Autolock.

Full Lock

If the Full Lock is activated, you briefly see the message `Phone locked`, each time you turn on the phone. The message is followed by the prompt `Enter lock code.` You then have to enter your code followed by **YES** to use it.

Autolock

If the Autolock is activated, the message `Phone locked` and the prompt `Enter lock code` will appear if you insert a new SIM. After the security code has been entered correctly, the phone can be used with the new SIM card. You are not asked to enter the security code until the original SIM card or a different SIM card is inserted.

Changing the Security Code

1 Scroll to **ACCESS** and press **YES**.

2 Select **Phone lock**.

3 Select **Change code**.

4 Follow the steps described in "Changing PIN" on page 48.

Activating/Canceling the Phone Lock

1 Scroll to **ACCESS** and press **YES**.

2 Select **Phone lock**.
The current setting is shown in brackets.

3 Select the setting you want.

4 Enter the security code and press **YES**.
The new lock status is displayed.

Call Restrict

The **Call Restrict** service allows you to bar different types of outgoing and incoming calls.

Note! This service may not be available in all networks or may require a separate subscription.

The following calls can be restricted:

- all outgoing calls
- all outgoing international calls
- all outgoing international calls except to your home country when roaming abroad
- all incoming calls
- all incoming calls when you are abroad (when roaming)

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To make sure that a call restrict is not changed by someone else, you need a **password**, which comes with your subscription, to activate or cancel a call restrict. You can change the password as often as you like.

Changing the Restrict Calls Status

1 Scroll to **ACCESS** and press **YES**.
2 Select **Call Restrict**.
3 Scroll to the option you want and press **YES**.
4 You have three options:
   - **Activate** sets a call restrict
   - **Get status** lets you check the status of a call restrict
   - **Cancel** cancels the call restrict
5 Confirm your selection by pressing **YES**.
6 Enter your password and press **YES**.
The message `Please wait` appears, followed by a message which informs you whether the call bar is activated or not.

Note! If you forward incoming calls, you cannot activate some restricting options. Likewise, if you restrict calls, you cannot activate some call forward options.

Canceling All Call Restricts

1 Scroll to **ACCESS** and press **YES**.
2 Select **Call Restrict**.
3 Select **Cancel all**.
4 Enter your password and press **YES**.
The message `Please wait` appears, followed by a message confirming that all call restrictions are canceled.

Changing the Password

1 Scroll to **ACCESS** and press **YES**.
2 Select **Call Restrict**.
3 Select **Change password**.
4 Enter the old (current) password and press **YES**.
5 Enter the new password and press **YES**.
6 Enter the new password a second time and press **YES**.
The message `Please wait` appears, followed by a message confirming that the password has been changed.

Fixed Dialing

Fixed Dialing is a way of restricting outgoing calls. It requires a SIM card that allows fixed numbers to be stored. The fixed numbers are protected by your PIN2. How many numbers you can store depends on your SIM card.

The **Fixed Dialing** function allows calls to be made only to fixed numbers stored on the SIM card. If an attempt is made to call other numbers, the message `Number not permitted` appears in the display.

It is possible to store **partial** numbers, for example an area code, or an area code followed by the first digits common to several numbers. Storing 919555 allows

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calls to be made to numbers from 9195550000 to 9195559999.

Numbers beginning with the international prefix (+) and country code can also be stored, allowing you to make calls abroad.

Numbers which include **question marks** can be stored. For example, storing 91955512**??** allows calls to be made to numbers from 9195551200 to 9195551299. To enter a question mark, press and hold #.

The **Fixed Dialing** function does not prohibit calls to the emergency number 911 (or 112) and the Service Center of your network operator. Network services such as **Call Forward** and **Calls restrict** cannot be used.

Activating Fixed Dialing

1 Scroll to **ACCESS** and press **YES**.
2 Select **Fixed dialing**.
3 Enter your PIN2 and press **YES**.
4 Select **On**.

Canceling Fixed Dialing

1 Scroll to **ACCESS** and press **YES**.
2 Select **Fixed dialing**.
3 Enter your PIN2 and press **YES**.
4 Select **Off**.

Storing Fixed Numbers

1 Scroll to **PHONE BOOK** and press **YES**.
2 Select **Fixed numbers**.
3 Select **Store**.
4 Enter your PIN2 and press **YES**.
5 Enter the name (optional) and the fixed number in the same way as when storing an ordinary phone number.

Editing a Stored Fixed Number

1 Scroll to **PHONE BOOK** and press **YES**.
2 Select **Fixed numbers**.
3 Select **Edit**.
4 After you enter your PIN2, you can change the position number, the name or the fixed number in the same way as with an ordinary phone number.

Deleting a Fixed Number

1 Scroll to **PHONE BOOK** and press **YES**.
2 Select **Fixed numbers**.
3 Select **Edit**.
4 Scroll to the fixed number you want to delete and press **CLR**.
`Erase?` appears.
5 Enter your PIN2.
6 Press **YES**.

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Some menus/features are operator dependent.

Closed User Groups

The **Closed User Groups** (CUG) function is a way of lowering call costs. It depends entirely on your operator and subscription. Not all networks support the function.

You can place your most frequently called numbers in groups. On some networks it is cheaper to make calls within a call group. You can also make sure that certain groups can only be called from work, home etc. This makes it difficult for somebody else to use your phone for international calls. You can have a maximum of 10 groups.

Selecting a User Group

1 Scroll to **ACCESS** and press **YES**.
2 Select **Closed calls**.
3 Select **Group**.
4 Select the group you want.

Calls can only be made within the selected user group.

Calling Outside Closed User Groups

1 You can decide whether outgoing calls to a non-CUG number are allowed.
2 Scroll to **ACCESS** and press **YES**.
3 Select **Closed calls**.
4 Select **Open calls.**
5 Select **Allowed** or **Not Allowed**.

Adding a Name to the CUG List

1 Scroll to **ACCESS** and press **YES**.
2 Select **Closed calls**.
3 Select **Edit list.**
4 Scroll to the group that you want to edit and press **YES**.
5 Scroll to an empty position. The phone prompts you `Add new?` Press **YES**.
6 Enter a name. See “Your Phone Book” on page 22.
7 Press **YES**.

Erasing a Position from the CUG List

1 Scroll to **ACCESS** and press **YES**.
2 Select **Closed calls**.
3 Select **Edit list**.
4 Scroll to the group that you want to edit and press **YES**.
5 Scroll to the position that you want to erase and press **CLR**.
6 The phone prompts you `Erase?`
7 Press **YES**.

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Handling Multiple Calls

Call Waiting Service

If you want to be able to receive a second call, while another call is in progress, you must activate the **Call Waiting** service.

Note! The **Call Waiting** service may not be available in all networks.

Activating/Canceling the Call Waiting Service

1 Scroll to **ACCESS** and press **YES**.

2 Select **Call waiting**.

3 Select **Activate** (or **Cancel**).
`Call Waiting ON` will appear.

Checking Status of Call Waiting Service

1 Scroll to **ACCESS** and press **YES**.

2 Select **Call waiting**.

3 Select **Get status**.

Making a Second Call While a Call is in Progress

1 Put the current call on hold by pressing **YES**.

2 Enter the number you want to call and press **YES**

Note! If the phone number is stored in the phone book, you do not need to enter it. Press ◢ and then recall the number.

Receiving a Second Call

If the **Call waiting** service is activated, you will hear a tone in the earpiece if you receive a second call. The question `Answer?` appears in the display.

You can do one of the following:

Putting the Current Call On Hold and Answering the Waiting Call

Press **YES**. The message `1 on hold` appears.

Rejecting the Waiting Call

Press **NO** or

1 Press ◢.
The question `Busy?` appears.

2 Press **YES**.
The waiting call is rejected. If the caller's network supports it, the caller will hear a busy tone.

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Some menus/features are operator dependent.

Note! If **Forward On busy** is activated, the waiting call is forwarded to the number you have specified.

Ending the Current Call and Answering the Waiting Call

1 Press ◢ repeatedly until the question `Release and answer?` appears.

2 Press **YES**.

One Call is Active and One Call Is On Hold

Switching between the Two Calls

Press **YES**.

Ending the Active Call and Returning to the Call On Hold

1 Press ◢ followed by **YES** to select the **Handle calls** menu.

2 Scroll to **Release active?** and then press **YES**.

or

1 Press **NO**, `Retrieve Held Call` appears.

2 Press **YES** to retrieve.

Ending Both Calls

1 Press ◢ followed by **YES** to select the **Handle calls** menu.

2 Scroll to **Release all calls?** and then press **YES**.

Joining the Two Calls (Call Transfer)

1 Press ◢ followed by **YES** to select the **Handle calls** menu.

2 Scroll to **Transfer call?** and then press **YES**.
The two calls are now connected to each other, and you are disconnected from both calls.

Note! The Call Transfer service may not be available on all networks.

Joining the Two Calls into a Conference Call

1 Press ◢ followed by **YES** to select the **Handle calls** menu.

2 Select **Join calls?**.

3 See “Conference Calls” on page 55.

Receiving a Third Call

If **Call Waiting** service is activated, you may receive a third call when you have one active call and a second call on hold. You hear a tone in the earpiece and the question `Release and answer?` appears in the display.

You can do one of the following:

- To end the current call and accepting the waiting call, press **YES**.

  The waiting call becomes active and the call on hold remains on hold.

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- To reject the waiting call, select **Busy?** using ◢.

  The third call is rejected. Provided the caller's network supports this function, the caller will hear a busy tone.

Note! If **Forward On busy** is activated, the waiting call is forwarded to the number you have specified.

Conference Calls

Note! The **Conference Call** service may not be available on all networks.

To create a conference call, you must have one active call and one call on hold.

Joining the Two Calls into a Conference Call

1 Press ◢ followed by **YES** to select the **Handle calls** menu.

2 Select **Join calls?**.

Adding New Participants to the Conference Group

You can put the conference group on hold and then add new participants.

1 Press **YES** to put the conference group on hold.

2 Call the third person you wish to include in the conference group.

3 Press ◢ followed by **YES** to select the **Handle calls** menu.

4 Select **Join calls?**.

You can include up to five participants, other than yourself, in the conference group by repeating steps 1 to 4 above.

Reviewing the Participants in the Conference Group

1 Press ◢ followed by **YES** to select the **Handle calls** menu.

2 Scroll to **Conference participants** and then press **YES**.

3 The first participant's phone number is displayed. If the participant's number and name is stored in the phone book, the name is displayed instead.

4 Scroll with ◢ to see the other participants' numbers (names).

Having a Private Conversation with One Participant

If you want to have a private conversation with one of the participants, you can extract that participant from the conference and put the other participants on hold.

1 Press ◢ followed by **YES** to select the **Handle calls** menu.

2 Select the participant to whom you want to speak in **private**.

To rejoin the participant to the conference group

1 Press ◢ followed by **YES** to select the **Handle calls** menu.

2 Select **Join calls?**.

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Releasing Participants from the Conference Group

You can release participants from the conference group.

1 Press ↙ followed by **YES** to select the **Handle calls** menu.

2 Select the participant you want to **release**.

Making a Call while a Conference Call Is in Progress

You can put the conference group on hold and make another call. You can then switch between the new call and the conference call.

1 To put the conference group on hold, press **YES**.

2 Enter the number you want to call and press **YES**.

Switching Between the New Call and the Conference Group

Press **YES**.

Ending the New Call and Returning to the Conference Group

1 Put the conference group on hold.

2 Press ↙ followed by **YES** to select the **Handle calls** menu.

3 Select **Release active?**.

Ending the Conference Call

Close the flip or press **NO**.

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Networks

Searching for Networks

When you turn on the phone, it searches for the last accessed network. If this is not within range, you may use another network, provided your home network has an agreement that allows you to do so. This is called **Roaming**.

The order of preference in which the phone selects a network is determined by a list of preferred networks on your SIM card.

The **NETWORKS** menu includes a number of functions that let you determine how the phone searches for a network. You may also select a network yourself from those within range.

Selecting a New Network

1 Scroll to **NETWORKS**, and press **YES**.

2 Select **Select net**.

3 The message `Please Wait` is displayed briefly. The display then shows either:

the name of a network, followed by the message **Current, Preferred, Available,** or **Forbidden.** For an explanation of the message, see the following table.

Instead of the full name of a network, an abbreviation may be displayed. To see the full name of a network, press *.

- the message `No network` indicates that no network is within range.

4 If there is more than one network within range, you can scroll through the network names and choose the network you want by pressing **YES**

Message	Meaning
`Current`	The network is currently being used.
`Home`	Your home network is within range. You can select it.
`Preferred`	The name of the network is included in a list of preferred networks on your SIM card. You can select this network.

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Some menus/features are operator dependent.

Message	Meaning
Forbidden	The name of the network is included in a list of forbidden networks on your SIM card. You can normally not select this network. See "List of Preferred Networks" on page 58.
Available	The name of the network is not included in the preferred or forbidden list on your SIM card. You can select this network, but you might not be able to use it.

Starting an Automatic Network Search

1 Scroll to **NETWORKS** and press **YES**.

2 Select **New search**.
The phone automatically starts searching for a network according to the list of preferred networks stored on your SIM card.

List of Forbidden Networks

The names of the forbidden networks are stored on your SIM card. If such a forbidden network is within range, it is left out when the phone searches for a network (automatic search mode).

Note! If your home network and a forbidden network come to an agreement that allows you to use the forbidden network, you can select this network even though the message Forbidden is displayed.

List of Preferred Networks

You can create a list that defines which order your phone will select a network during automatic network selection, when your home network is not within range.

The number of networks that can be stored in the list depends on your SIM card.

The **Edit list** function lets you review the networks in the list. Apart from rearranging the order of the networks, you can add new networks to the list and delete networks from it.

Reviewing the List of Networks

1 Scroll to **NETWORKS** and press **YES**.

2 Select **Edit list**.

3 The name of the first network is displayed.

4 Scroll through the networks in the list.

Note! To see a network's full name, press *.

Adding a Network to the List

1 Scroll to **NETWORKS** and press **YES**.

2 Select **Edit list**.

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3 Scroll to the first free position in the list and press **YES**.
The `Add network?` prompt appears.

4 If you scroll to a position that is already occupied, press **YES** and then scroll with the arrow keys until `Add net?` appears.

5 Press **YES** and scroll with ↙ or ↗ until you find the network that you want. If the desired network does not appear, press **YES** when the question `Other?` appears.

6 Enter the three-digit country number and the two- or three-digit network number.

7 Press **YES** to add the network to the list.

Erasing a Network from the List

1 Scroll to **NETWORKS** and press **YES**.

2 Select **Edit list**.

3 Select the network you wish to erase.

4 Scroll to **Erase** and press **YES**.

Re-arranging the List

1 Scroll to **NETWORKS** and press **YES**.

2 Select **Edit list**.

3 Select the network you wish to move.
`Move` is displayed.

4 Press **YES** and enter the new position within the list.

Search Modes

When you turn on your phone, it searches for a network. This can be done in two different ways, depending on the search mode that is activated. Automatic search mode is usually the default.

Automatic search mode means that your phone searches for the last accessed network first. If this is not available, it automatically searches for another available network within range.

Manual search mode means that your phone searches for the last accessed network first. If this is not available, the question `Select net?` appears.

- Select a network as described in "Selecting a New Network".

Activating Automatic Search Mode

1 Scroll to **NETWORKS** and press **YES**.

2 Select **Search mode**.

3 Select **Auto**.

Activating Manual Search Mode

1 Scroll to **NETWORKS** and press **YES**.

2 Select **Search mode**.

3 Select **Manual**.

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Voice Activation

The phone is equipped with a built-in voice recognition system known as **Voice Activation**.

This system allows you to:

- voice dial
- answer and reject calls

To call someone, you only need to press the upper side volume key or **YES**, say the voice label associated with that person and the phone automatically dials his or her number. To answer and reject calls, you only need to say for example “Answer” and “Busy”.

Note! Best performance is obtained by holding the phone as you would when on a call, with the phone up to your ear, the flip down, and in a silent environment.

Recording Voice Dialing Labels

You can record (save) a voice label together with a name and number in your phone book. The voice label and the name do not have to match. That is, you can store a number with the name “Home” (that is what you see in the display when searching for a number in your phone book), but your voice label might be “Christina”. The voice labels are stored on your phone.

Note! You will need to record new voice labels if you change phones. You will also need to record new voice labels if you change SIM cards. The message `Voice Dial Error SIM Changed!` will appear when you insert a new SIM and attempt to activate the Voice Dial feature.

If you insert a new SIM card and attempt to record a new voice label, `SIM changed! Erase all voice labels?` will appear. Press **NO** to keep the original labels.

Note! Your phone can hold up to 10 different voice labels.

Activating the Voice Dialing function

1 Scroll to **SETTINGS** and press **YES**.
2 Select **Voice dial.**
3 Select **On**.

Adding a Voice Dialing Label to an Existing Phone Book Entry

1 Scroll to **PHONE BOOK** and press **YES**.
2 Select **Edit.**
3 Scroll **Find name** or **Find pos**.
4 Enter the name you want to add a voice label to and press **YES**.
After a few seconds `Record voice label now?` is displayed.

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5 Press **YES** again to store.

6 Press **YES**. You are prompted to speak after a tone (beep).

7 Say the voice label that you want to be stored with the phone book entry. The voice label is played back to you.

8 If you are satisfied, press **YES** to store the voice label. Otherwise, press **NO** and then repeat steps 2 and 3.

The voice label icon appears next to the position number .

Creating a Voice Dialing Label and New Phone Book Entry

Note! For more information, refer to "Your Phone Book" on page 22".

1 Enter the area code and phone number you wish to store.

2 Scroll to **PHONE BOOK** and press **YES**.

3 Select **Store.**
The first free memory position is suggested.

4 Enter the name tag that you want to associate with the number. Refer to "Entering Characters" on page 22.

5 Press **YES**. `Record voice label now?` appears.

6 Press **YES** to record.

7 Say the voice label after the tone. The voice label is played back to you.

8 If you are satisfied, press **YES** to store the voice label. Otherwise, press **NO** and follow the prompts.

Once stored in your phone book, the voice label icon appears next to the position number.

Recording Problems

If the phone could not detect any speech, one of the following might have happened:

- the name of the voice label was too short.
- the background noise of your recording location was too loud.
- you spoke too softly.
- you spoke before the beep.

Try to change one of these factors and repeat the steps in "Adding a Voice Dialing Label to an Existing Phone Book Entry" or "Creating a Voice Dialing Label and New Phone Book Entry".

Replacing a Voice Dialing Label

1 Scroll to **PHONE BOOK** and press **YES**.

2 Select **Edit**.

3 Scroll to **Find name** or **Find pos.**

4 Enter the name with the voice label you want to replace and press **YES**. The name and number is displayed and the label is played.

5 Press **YES** to select.
After a few seconds, `Replace voice label` is displayed.

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6 Press **YES**. Then follow the phone's prompts.

Erasing a Voice Dialing Label

1 Scroll to **PHONE BOOK** and press **YES**.

2 Select **Edit**.

3 Scroll to **Find name** or **Find pos**.

4 Enter the name with the voice label you want to erase and press **YES**. The name and number is displayed and the voice label is played.

5 Press **YES** to select.
After a short while `Replace voice label` is displayed.

6 Press ↓. `Erase voice label` is displayed.

7 Press **YES** to erase the voice label. `Voice label erased` appears.

Voice Label List

If the **Voice Dialing** function is on, the **PHONE BOOK** menu includes a **Voice Label list**. When selected, you can scroll through the names and numbers which have a voice label attached. When such a number is displayed, its voice label is played back. You can call the number by pressing **YES**.

Selecting the Voice Label List

1 Scroll to **PHONE BOOK** and press **YES**.

2 Select **Voice label list**.

3 Scroll through the list to hear the labels.

Using Voice Dialing

Once you have recorded your voice labels and the Voice Dialing function is on, you can start using the Voice Dialing system. It is actually very easy to use.

Making a Call While Handheld

1 Open the flip.

2 Clear the display using **CLR**.

3 Press and hold the **YES** key, or the press the upper side **VOLUME** key briefly

4 Say the voice label after the prompt.

Calling While in Handsfree

1 Press the upper side **VOLUME** key or **YES** briefly.

2 Say the voice label after the prompt.

Note! Voice Dialing will work with the flip opened or closed when in Handsfree mode. Closing the flip will not terminate a call when in Handsfree.

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Recording the Voice Answering Labels

The word that you choose to accept or reject calls can be any word in any language, but the recording time is limited. Try to make the words unique and not too short. In the example below, we have chosen the commands "Answer" to accept and "Busy" to reject incoming calls.

The first time you turn the phone's Voice Commander on, you are asked to train it. You start the training by saying a command (voice label) for accepting, then you continue with a command for rejecting.

Initially Activating and Training the Voice Commander

1 Scroll to **SETTINGS** and press **YES**.

2 Select **Voice ans**, **On**.

3 Wait three seconds and the question `Record ANSWER voice label` appears.

4 Press **YES**.
You start by training the voice commander to recognize the command for accepting calls.

5 Say the command you want to use.
The command is played back to you.

6 If you are satisfied, press **YES** to save the command (voice label). Otherwise, press **NO** and then repeat the process.

7 The phone now prompts you to enter a voice command for rejecting calls: `Replace BUSY voice label`. Follow the phone's prompts.

Note! Be sure that you have two different words for accepting or rejecting.

Replacing the Voice Answering Labels

1 Scroll to **SETTINGS** and press **YES**.

2 Select **Voice answer.**

3 Select **Replace voice label**.

4 Wait three seconds and the question `Replace ANSWER voice label` appears.

5 Follow the phone's prompts.

Answering or Rejecting a Call Using Voice Activation

Be certain the **Voice answer** option in **SETTINGS** menu is activated. The phone's flip must be opened or the phone must be attached to an Ericsson Handsfree accessory to use this feature. When you receive an incoming call, clearly say the voice command that you have recorded.

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Extra Features

Call Time and Call Cost

Call Information

The display shows the duration of a call in progress. When you end the call, the call duration information is shown for another five seconds. If your network and SIM card support this feature, you can have the call cost (or the number of call units) displayed.

Selecting the call information you want

1 Scroll to **SETTINGS** and press **YES**.

2 Select **Call info.**

3 Select **Time: Outg, Time: All** or **Cost**.

Checking the time/cost of the last call

1 Scroll to **INFO** and press **YES**.

2 Select **Last call.**

Depending on the setting in the **Call info** function in the **SETTINGS** menu, you can now check:

- how long your last call was (**Time: Outg** or **Time: All**)
- the cost (or the number of call units) of the last call (**Cost**)

Total Call Time or Call Cost

Checking the total call time or call cost

1 Scroll to **INFO** and press **YES**.

2 Select **Tot calls**.

3 Depending on the setting in the **Call info** function in the **SETTINGS** menu, you can check:

- the total time of all outgoing calls (**Time: Outg**)
- the total time of all calls (**Time: All**)
- the cost (or the number of call units) of all calls (**Cost**)

Resetting the total call time/cost counter

1 Scroll to **INFO** and press **YES**.

2 Select **Tot calls**.

3 Select **Reset?**.

Note! If you have chosen the call cost option, you must enter your PIN2 to reset the counter.

Determining the Call Cost

If you select the **Cost** option in the **Call info** function in the **SETTINGS** menu, the **Price** function appears in the **INFO** menu. However, to be able to use the **Price** func-

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tion, both your network and your SIM card must support it.

The **Price** function lets you enter and vary the price per call unit. The price entered is stored on your SIM card.

Note! If you do not specify a price per call unit, the number of call units will be displayed during a call, and in the **Last call** and **Tot calls** functions.

Entering the Price Per Call Unit

1 Scroll to **INFO** and press **YES**.
2 Select **Price.**
3 Select **New price.**
4 Enter the code for the currency you want, for example **USD** for U.S. Dollars, and then press **YES**.
5 Enter the price per call unit, for example 0.75, and press **YES.** To enter the decimal point, press **#**.
6 Enter your PIN2 and then press **YES**. (The PIN2 prompt may not appear in some networks.)

Reverting to Call Units

1 Scroll to **INFO** and press **YES.**
2 Select **Price**.
3 Select **New price**.
4 Enter your PIN2 and then press **YES**.

Credit Limit for Calls

If both your network and SIM card support this feature, you can enter a total amount of money that can be used for making calls. This could be useful when you lend your phone to someone, for example, and do not want their call costs to exceed an amount specified by you. The cost is deducted from this amount while you are engaged in a call. When the amount reaches zero, no more calls can be made.

Setting the Credit Limit

1 Scroll to **INFO** and press **YES**.
2 Select **Credit**.
3 Select **New credit**.
4 Enter the amount, for example 20 dollars ($20.00), and then press **YES**.
5 Enter your PIN2 and then press **YES**.

Calling Card or Credit Card Calls

When making international or long distance calls, you may not want your operator to charge you on your normal account. If you have a credit card or a calling card, you may want to re-direct the charges to one of those accounts instead. Your phone is all set for making this procedure as easy as possible for you.

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Some menus/features are operator dependent.

Note! The Calling Card and Credit Card Call feature is network dependent.

Activating the Calling Card Feature

1 Scroll to **ACCESS** and press **YES**.

2 Select **Call cards security**.

3 Enter your security code and press **YES**.

4 Scroll to **Call cards** and press **YES**.

5 Scroll to **On** and press **YES**.
The Call card function is now activated and the submenu **Call card numbers** is visible in the **PHONE BOOK** menu.

Changing Security Codes

1 Scroll to **ACCESS** and press **YES**.

2 Select **Call cards security**.

3 Enter your security code and press **YES**.

4 Scroll to **Change code** and press **YES**.

5 Enter your new code and press **YES**.
The code can consist of four to eight digits.

6 When `Repeat new code` appears in the display, confirm your new code.

7 Press **YES**.
Your security code is now changed.

Storing Credit or Calling Card Numbers

Your phone allows you to store two calling card numbers in the **PHONE BOOK** menu. This submenu is only visible if the Call card function is activated in the **ACCESS** menu.

Storing a Calling Card Number:

1 Scroll to **PHONE BOOK** and press **YES**.

2 Select **Call card numbers**.

3 Enter your security code and press **YES**.
To change security codes, see above.

4 Select card position (Card 1 or Card 2).

5 Enter the access number (the phone number) to the calling card server. The numbers are entered in the same way as in the ordinary phone book.

6 Press ↙ or ↗.

7 Enter the verification code to your calling card server.

8 To store the calling card number, press **YES**.

9 Select **Call no. then Ver no.** or **Ver no. then Called no**.

Selecting a Card

If you have stored two card numbers, you must select which card you want to use before making a Calling/Credit card call.

1 Scroll to **PHONE BOOK** and press **YES**.

2 Select **Call card numbers**.

3 Enter your security code and press **YES**.

4 Scroll to the card you want to use.
Your settings for the card appear. To select the card, press **YES**.

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Note! If you only use one card number, this selection does not have to be repeated every time you wish to make a Calling/Credit card call.

Making a Credit or Calling Card Call

1 Enter the number you want to dial, or retrieve it from the **PHONE BOOK**.

2 Press and hold **YES**.

The access number to the calling card server is called and during the connecting phase, you are prompted to send the called number (the number or the person you want to call) and the verification code, in the order chosen by you (see above).

To send the called number and the verification code during the connecting phase, press **YES** when the display shows `Send Called no?` and `Send Ver. no?`

Editing or Deleting a Calling Card Number

1 Select **PHONE BOOK** menu.

2 Select **Call card numbers** and enter your security code when prompted.

3 Select **Card1** or **Card2**.

4 Press and hold **CLR** to clear the entire line. Use ↓ to move to the next line. Press and hold **CLR** to clear this line.

5 Press **YES** to store your change.

Using Two Voice Lines

Note! This service may not be available on all networks and may require a separate subscription.

Your phone supports two voice lines Alternate Line Service (ALS) with different phone numbers, Line 1 and Line 2. This is useful if you want to keep business calls and private calls on separate lines. You can only send and receive text messages (SMS) on Line 1.

The line currently selected is indicated in the display with a line indicator and the digit **1** or **2**.

Changing to the Other Line

- Scroll to **Change to Line X** and press **YES**. From now on, all outgoing calls are made on the line you just selected.

Receiving a Call on One of the Lines

When someone calls you, the question `Answer?` is replaced by `Line 1?` or `Line 2?` depending on which line the person is calling.

Note! If you are on a call on one line, you must end that call first before answering a call on the other line (dependent on the activation of the **Call Wait** function).

Different Settings for Each Line

You can personalize the names of the two lines. You can also have different settings for each line, for example: the tone of the ring signal, call forwards, call bars and call

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waiting. You set these functions separately when the line is activated. The call meters in the **INFO** menu show the call times (call costs) for the line currently selected.

Changing the Name of a Line

1 Scroll to **SETTINGS** and press **YES**.

2 Select **Line 1 Tag** (or **Line 2 Tag**).

3 Enter a new name (maximum 12 characters).

4 Press **YES**.

Note! The name tag is only shown in ALS menu and during an incoming call.

Calling from Your Car

By using the Ericsson portable or vehicle handsfree solutions, you can be on the phone without using your hands to hold it.

Handsfree Types

If you use a Vehicle Handsfree Solution, you can choose between two different ways in which your phone can handle the speech. This is done in the **Handsfree** submenu.

Handsfree Type 1

Handsfree Type 1 means that the phone handles the call in semi-duplex mode. This means that you cannot speak at the same time as the person at the other end of the line. Type 1 is the default.

Handsfree Type 2

Handsfree Type 2 means that the phone handles the call in full duplex mode. This considerably increases the quality of speech, since you do not have to wait until it is your turn to speak, and the speech becomes clearer.

For Handsfree Type 2 to work properly, your phone adapts to the sound environment around the handsfree equipment. This adaptation might take a few calls. During this learning phase, the person you are talking to might hear an echo of his or her own voice (because the sound goes from the speaker into the microphone again). However, this disappears as the other person speaks. If the echo lasts longer than the first few calls, try Handsfree Type 1 instead.

Note! More sophisticated Vehicle Handsfree solutions automatically provide full duplex. They also disable the choice between Handsfree Type 1 and 2, since the choice becomes superfluous when using this kind of equipment; you always get the best quality of speech possible.

Setting the Handsfree Type

1 Scroll to **SETTINGS** and press **YES**.

2 Select **Handsfree.**

3 Select the type you want.

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Other Handsfree-Related Settings

Apart from the settings mentioned above, you can change the following settings when using handsfree equipment:

- Ring level
- Ear volume
- Ring type
- Display light

Each of these settings can be specified separately when you have your phone connected to handsfree equipment. This means that if you choose one of these settings when the phone is connected to handsfree equipment, the settings when it is handheld are not affected and vice versa.

Changing a Setting

1 Connect the phone to the handsfree equipment.

2 Change the setting according to the instructions in "Personalizing Your Phone" on page 30.

Answering Mode

The submenu **Answering mode**, in the **SETTINGS** menu, includes two functions: **Any key** and **Auto**, which are useful when you use the phone with handsfree equipment.

- **Any key:** If you use the phone with handsfree equipment and this function is turned on, you can answer an incoming call by pressing any key, except the **NO** key.
- **Auto:** If you choose the automatic answering mode, an incoming call is answered automatically after one ring signal.

Selecting Answering Mode

1 Scroll to **SETTINGS** and press **YES**.

2 Select **Answering mode**.

3 Select a mode.

Sending and Receiving Faxes and Data

If you have a SIM card that does not support separate fax and data numbers, you need to activate the data menus. When the **DATA** menus are activated, a new menu appears in your phone: **NEXT CALL TYPE.**

Note! An authorized Ericsson modem and a PC are required to support Data and Fax transmission.

Activating the Data Menus

1 Scroll to **SETTINGS** and press **YES**.

2 Select **Data Menus**.

3 Select **On**.

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Some menus/features are operator dependent.

Next Call Type

This function allows you to decide which type the next **incoming call** will be, for example, fax, data, or speech. You will only see this menu if your phone detects that you do not have separate numbers for data, fax and speech. Once you have set your phone for a specific incoming call, it will stay so until you change it back. The normal setting is **Speech.**

Defining the Next Incoming Call

1 Scroll to **NEXT CALL TYPE** and press **YES**.

2 Select which type the next incoming call will be.

Alarm

The phone has an alarm function. When it is activated, an icon in the shape of a bell is shown next to the current time in the display.

The alarm signal sounds at the time set, even if the phone is turned off. The keys will illuminate and the display will flash. The volume of the alarm signal depends on the setting of the ring signal.

The alarm signal will sound for 60 seconds and will be repeated every nine minutes, if you do not turn it off. After 60 minutes, the repeat function will be turned off automatically.

Setting the Alarm

1 Scroll to **TOOLS** and press **YES**.

2 Select **Set alarm**.

3 Enter the time in hours and minutes.
If you have selected the 12-hour format in the **Clock/ Date** function in the **SETTINGS** menu, you can alternate between am and pm by pressing **#**.

4 Press **YES**.

Turning Off the Alarm

1 Press any key to turn the alarm signal off when it sounds.

2 If you do not want the alarm to be repeated, press **YES**.

3 Press **NO** to snooze.

or

1 Scroll to **TOOLS** and press **YES**.

2 Select **Set alarm**, **Off**.

Calculator

The phone's built-in calculator can add, subtract, divide, and multiply.

Using the Calculator

In this example we are going to divide 134 by 32.

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1 Scroll to **TOOLS** and press **YES**.
2 Select **CALCULATOR**.
3 Enter 134.
4 Scroll with ◢ ◥ to the division sign (/) and press **YES**.
5 Enter 32.
6 Scroll with the ◢ ◥ to the equal sign (=) and press **YES**.
You can also press # to get the answer.
7 To clear the display, press **CLR**.

Entering a Decimal Point

Press *.

Entering the Multiplication Sign (*)

Press * twice.

Quick Keys

Several keys on your phone can be used to optimize the phone's functionality and decrease the number of times you need to press a key. Some of the key combinations demand that your phone is in a certain mode and some can be made from the standby mode.

The table below describes some of the most useful key combinations.

To…	Do this:	Mode:
mute the microphone	press and hold **CLR**	when on the phone
quickly access voicemail	press and hold the **1** key	when in standby
quickly access phone book alphabetically (only available for keys 2-9)	press and hold the **2** key to access letters A-C press and hold the **3** key to access letters D-F Use ◢ ◥ to scroll.	when in standby
reach second letter	press and hold the upper volume key and press the desired numeric key	when entering letters
reach third letter	press and hold the lower volume key and press the desired numeric key	when entering letters
reject a call	double-click on either volume key or press **0** and **YES**	when receiving a call

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Some menus/features are operator dependent.

To…	Do this:	Mode:
speed dial	press **1 – 9** and **YES**	when in standby
move three lines forward	press **3**	when reading a message
return to beginning of message	press and hold ↙	when reading a message
mute ringer	press and hold **CLR** press and hold again to release	in standby

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Troubleshooting

This chapter lists some problems that you might encounter while using your phone. Some problems require that you call your service provider, but most of the problems you encounter are easy to correct yourself.

Error Messages

Insert card

There is no SIM card in the phone. Insert a SIM Card.

Searching

If the message `Searching` remains in the display, you are within range of a network but you are not allowed to use it. However, in an emergency, some operators allow you to call the emergency number 911 (or 112). See "Making Emergency Calls" on page 19.

No network

There is no network within range or the received signal is too weak. You have to move to get a signal that is strong enough.

Wrong PIN, Wrong PIN2

You entered your PIN or PIN2 incorrectly.

Enter the correct PIN or PIN2, and press **YES**. Your SIM will be blocked after three unsuccessful attempts.

Matching error

When you want to change a security code (for example PIN) you have to confirm the new code by entering it again. The two codes that you have entered do not match. See "The SIM Card Lock" on page 47.

PIN/PIN2 Blocked. Unblock?

You entered your PIN or PIN2 incorrectly three times consecutively. To unblock see "The SIM Card Lock" on page 47.

BLOCKED Contact card provider

You entered your PUK incorrectly 10 times consecutively. Contact your network provider or service operator.

Phone locked

The phone is locked. To unlock the phone, see "Phone Lock" on page 49.

Enter lock code

Your phone comes with the default security code, **0000**. You can change it to any three- to eight-digit personalized code. See "Phone Lock" on page 49.

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Number not permitted

- The **Closed User Groups** function is activated and the number you have dialed is not part of a group. See “Closed User Groups” on page 52.
- You have Fixed Dialing Numbers activated, but you have dialed a number that is not permitted on the Fixed Dialing Numbers list.

Phone Will Not Power On

Handheld Phone

Recharge or replace the battery.

Handsfree Phone in Vehicle

Make sure that the phone is properly inserted into its holder.

Poor Sound Quality in Handsfree Equipment

- Check that the handsfree equipment is Ericsson original equipment and that it has been properly installed,
- Change the Handsfree Type from Type 1 to Type 2. See “Handsfree Types” on page 68.

Voice Answering Does Not Perform Well

Try changing the voice labels for accepting and rejecting calls.

Voice Recording Problems

- The name of the voice label was too short.
- The background noise of your recording location was too loud.
- You spoke too softly.
- You spoke before the beep.

Try to improve one of these elements when you repeat the voice label recording process.

Technical Support

If you need additional information or assistance, or would like to purchase Original Ericsson Accessories: in North America call 1-800-ERICSSON (374-2776) ; in Latin America call 305-755-6789 ; all other countries call 919-472-7908.

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Terminology

Acronym List

AoC	Advice of Charge
ALS	Alternate Line Service
CLI	Caller Line Identification
CUG	Closed User Groups
DTMF	Dual Tone Multiple Frequency
GSM 1900	Global System for Mobile Communication (1900 MHz)
PIN	Personal Identification Number
PUK	Personal Unblocking Key
SIM	Subscriber Identity Module
SMS	Short Message Service

Glossary

Active Flip

This factory default feature allows you to easily answer and end calls without the use of the keypad.

Advice of Charge (AoC)

Enables you to monitor the cost of calls made from your mobile phone. Details of the last call and total calls made are shown in the phone display.

Alternate Line Service (ALS)

Enables you to have two lines and two different phone numbers on one subscription for your mobile phone. This makes it possible to have separate numbers for business and personal calls. To use this service, it must be supported by your network.

Area Information

A service that allows you to receive messages about pre-set topics i.e. weather forecasts, road reports, etc. To use this service, it must be supported by your network.

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Some menus/features are operator dependent.

Calling Line Identification (CLI)

Shows the number of the person calling you in your mobile phone display. You can then make an informed choice as to whether or not to take the call. Bear in mind that not all numbers can be displayed. To use this service, it must be supported by your network.

Ciphering

Ciphering is a built-in feature that “scrambles” your calls and messages to provide additional privacy. An exclamation point next to the phone icon during a call indicates that ciphering is currently not available from the service provider.

Closed User Groups (CUG)

This feature limits outgoing calls to specified numbers. This can be very useful when operators give lower rates for specific groups. To use this service, it must be supported by your SIM.

DTMF or Touch Tone

Dual Tone Multi Frequency signal – codes sent as tone signals. Used for telephone banking, for accessing an answering machine, etc.

Fax Class

Standards for fax transmission are set as classes. Class I and II allow data transfer speeds of between 2400 up to 9600 bps.

Fixed Dialing Numbers

Enables you to allow only numbers beginning with certain pre-defined figures to be dialed from your mobile phone. The service is activated by PIN2. To use this service, it must be supported by your SIM.

Forward

Enables you to forward calls to another number, for example your voicemail or home phone.

Full Duplex

Both parties on the phone can talk at the same time while using handsfree equipment.

GSM 1900

Also known as PCS 1900, is a digital network working on a frequency of 1900 MHz. It is used in the United States, Canada, and some Latin American countries.

Handsfree

An important safety feature for mobile phones that allows drivers to use their car phone without lifting or holding the handset to their ear.

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International Prefix (+)

Mobile phone (+) prefix that automatically adds the correct international code in front of a telephone number when dialling out of a country. You then have to add the code of the country you are calling.

Line 1/Line 2

See “Alternate Line Service” on the previous page.

Menu System

The easiest way to access all the phone’s functions. The menus are arranged to be accessed and viewed when scrolling with the arrow keys.

Network

A mobile phone network or system consists of a network of cells. A radio base station serves each cell from where calls are forwarded to and received from your mobile phone by wireless radio signals.

Operator

To be able to use your phone, you need a subscription to a network. You get this subscription from a network operator, together with a SIM card that you need to use with your phone.

Phone Book

A memory in your mobile phone where phone numbers can be stored and accessed by name (alpha memory search) or position.

PC-Card

Also called PCMCIA, the PC-card can act as a modem and connect your mobile phone to a laptop or organizer, enabling data and fax transmission. The thin type II card is the most common size. Type III is a thicker card and can house more than modem functionality.

PIN

Personal Identification Number – a code used for all GSM-based phones to establish authorization for access to certain functions or information. The PIN code comes with your subscription.

PIN2

Personal Identification Number 2 – an authorization code which is used only for special services.

PUK

Personal Unblocking Key – used to unlock a blocked SIM card. This comes with your subscription.

Restrict Calls

Enables you to restrict certain or all types of calls to and from your mobile phone, for example, outgoing calls, outgoing international calls, incoming calls. Restricting

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is activated with a personal code. To use this service, it must be supported by your network.

Roaming

You are outside of your home network.

Semi-Duplex

In handsfree equipment, full duplex means that the connection is open for both parties to talk simultaneously. Semi-duplex gives close to, but not complete, duplex functionality.

Service Provider

A company that provides services and subscriptions to mobile phone users.

Short Message Service (SMS)

Allows messages of up to 160 characters to be sent and received via the network operator's message center to your mobile phone. Messages are stored if the phone is off or out of reach ensuring that they reach you. To use this service, it must be supported by your network.

Scroll

Pressing ↓ or ↑ to move between the menus.

Select

Scrolling to a menu then pressing the **YES** key on the phone.

SIM Card

Subscriber Identity Module card – a card that must be inserted in any GSM-based mobile phone. It contains subscriber details, security information and memory for a personal directory of numbers. The card can be a small plug-in type or credit card sized but both types have the same functionality.

Standby

The mode where your phone has been cleared of all menu items and features. If there is no action within a minute, the phone will automatically revert to standby.

Subscription

Is the contract that you have with the service/network provider. To use your phone, you need to have a subscription to a network. You get a SIM (Subscriber Identity Module) card with your subscription. The services included in your subscription depend on your choice of operator and/or subscription. So some of the services and functions described in this manual may not be accessible to you. If you want a complete list of the services included in your subscription, please contact your network operator.

Voicemail

A computerized answering service that automatically answers your call, plays a greeting in your own voice and records a message.

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Voice Activation

A feature that allows a subscriber to place a call or answer a call by spoken commands.

Voice Recognition

The capability for mobile phones, PCs, and other communications devices to be activated or controlled by voice commands.

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Mute: Press and hold CLR.

Master Reset: ◢ 73738 ◣

Language Reset: ◢ 0000 ◣

Emergency Calls: Enter 911 (or 112) and press **YES**.

International Calls: Press and hold down 0 until + appears. Enter the country code, the area code or city code, and the number. Press **YES** to call.

Accessing Voice Mail

Press and hold the **1** key.

Calling Last Dialed Number: Clear the display. Press **YES** (number will be displayed). Press **YES** to call or scroll with ◢ ◣ to see others.

Viewing Missed Calls List: Select Call List from INFO. The number and time of call will appear. Use ◢ ◣ to scroll through. Press **YES** to call.

Handling Multiple Calls: When on a call, press ◢ to access HANDLE CALLS. Use this menu to initiate conference calls, to toggle between several calls, and transfer calls.

Locking Your Keypad: Select Keylock from the SETTINGS menu. Press **YES**. Press ◢ and **YES** to unlock.

Setting the Alarm: Select Set Alarm from the TOOLS menu. Enter the alarm time, in hours and minutes, and press **YES**. When the alarm sounds, press any key to deactivate. Press **YES** to turn off the alarm.

Answering a Second Call: Press **YES** when you hear a tone and Call wait appears. The first call is placed on hold. Press **NO** to end second call or press **YES** to toggle. *Call Waiting must be enabled.*

Storing Numbers in Phone Book: Enter number to be stored. Press ◢ and **YES** to select PHONE BOOK. Press **YES** to select Store. Press **YES** to select first available position. Record Voice Label will appear after the name/number is stored. Follow prompts to add a voice label.

Recalling Numbers: From the PHONE BOOK menu, select Name Recall. Scroll through the list or enter the first few letters of the name.

Finding Entries Alphabetically

You can alphabetically access entries in your phone book by using the corresponding letters on the keypad. For example, use the 2 key to view A-C or the 4 key to view G-I. Use ◢ ◣ to scroll.

Recording a Voice Label (to an existing phone book entry)

Scroll to PHONE BOOK and press **YES**. Select Edit. Select Find pos. or Find name. Enter the position or name and press **YES**. Wait for the "Record ..." prompt and press **YES**. Say the label (it will replay back to you). Store the label by pressing **YES**.

Using Voice Dialing

Open flip. Press and hold **YES**, or press the upper side volume key. Say the label after the prompt.

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